Rec'd Dec 7

Salem, Marion Co. Ill. Nov 22d – '59

Prof A Gray

Dear Sir

I have dep. to-day to express to a friend in New York a package of plants for you – They will be forwarded to Cambridge – The package contains four similar parcels – one for Prof Eaton – one from which you may perhaps select some plants to add to your own herbarium – & the remaining two marked 'Anderson' & 'Mueller' are intended merely as a return to you for the plants I received when at Cambridge – The division was made to suit your convenience: if you think the parcels would not be acceptable to the persons named in this present form you will of course take out the undesirable specimens –

I would be glad to get from you any foreign plants you can spare me and will endeavour

to make a return from my Illinois collections - I am determined to secure an ample supply of duplicates next season in order that I may be able to spare freely to my friends & correspondents -

Before reaching a second page I should have acknowledged the receipt of your favor of the 3d inst forwarded to me from Ocean -

Thanks for the supply of paper the money will be forthcoming - There is neither Bank nor Exchange Office in Salem hence my delay.

I trust the carrier will have taken a receipt - I may yet need it in case the box was lost -

My regards to Mr Eaton - Please say to him that the number of species in my parcels falls far below what I had expected to send - I trust however he will find some of my specimens acceptable additions to his herbarium - and hereafter I will be able to do more -

Yours sincerely

Thos Bell

Springfield Ill Jan 10/56

Fay & A. Gray

Dear Sir

Upon my return after a short absence from home I find on my table your favor of the 2nd inst. - which should have received an earlier reply —

You may send the paper for me via "N.Y.C. & R.R. — Suspension Bridge — M.C. R.R. — Joliet Cut off — to Springfield Ill —

I will remit the money at an early day — My Brother in Rockford has just made a collection of $460 for me — On that account of bills I will surely find enough eastern money to send for me by express — The difficulty in getting exchange is that only regular Bank customers are supplied with the bills that is to be had at all — You may depend upon getting the money promptly

— I have just received
a parcel of plants from
Dr Gemmill — What a pity some
of our American collectors could
not learn this art of preserving
specimens

Yours in haste! for I
am writing immediately upon
my return — with Success
ringing in my ears, from all
sides concerning my journey

I hope my Father the
summer you better spirits will
not have caused you very
serious trouble —

Your respectfully
Mrs Beth

Salem Marion Co. Ill Jan 17
1860

Prof A Gray Dear Sir

I should have answered your last letter immediately upon its receipt but I delayed writing in order that I might send the amount due you for botanical paper — You will receive a part of the sum in a few days in the shape of a draft — the remainder will be forthcoming as soon as I can make collections — Settling in a new place — and leaving my business north — along with a very prevalent idea among western debtors that "these times" it borders on the insulting to ask for pay — has left my pocket book in a collapsed condition —

I am gratified to learn that my specimens are acceptable — I intend the coming season to collect largely and would like to exchange with some European Botanists

I noticed yesterday while pasteing down specimens of the

variety of Baba Carolinana which I collected in Winnebago Co - that in every instance a single stem was first produced bearing a raceme of large flowers - elongated in fruit - while the branches appearing later produced minute flowers & fruit in corymbs -

Was the Astragalus -? in my package A. Mexicanus A, DC

After my return from New England I visited the locality where I obtained specimens in May and made a long but unsuccessful search for fruit -

I inclose a specimen (a very imperfect one) of a plant I have been unable to determine with certainty - I found it in Springs in the northern part of the state - What is it?

I will send some things for the Garden in the spring - Our season will open here so early that I will have time to take them up & ship to Mass by the time your ground will be in condition to receive them -

Yours very truly

T. M. Bates

[illegible]

[illegible]

[illegible]

Fondulac Ills
July 7th 1870

Prof A. Gray -

Concerning Silene regia - Dr Falconer wrote as follows "Your letter making inquiries about the Silene Regia "Mica Pink" we used to call it because of its pink shaped flowers, came to hand several days ago - the next day ~~three~~ after Dr Dunlap of Springfield was speaking in our city and half a dozen Doctors being in the room I read your letter aloud so as to make the inquiry more general - Dr Hitchell who was present remembered the locality you particularly

practical change it has produced as if by magic in the appearance of the fields and meadows.

Can you tell me how soon you will be having another stock of paper made - that is after the one this summer - I have a little on hand - and starting a house makes heavy drafts just at present upon my purse - or that I have not many dollars to spend for luxuries which I am bound to consider botany in my case

Yours very truly
M L Dibble

desirable – but none of us were able now to recall any place where this plant is to be found &c &c.

Just as this chance was fading away I have a letter from my Aunt in S. Ohio – hortculturally inclined saying that she has the plant in her garden – has run up the stalk to save seeds – I have written her a laudatory letter – and urged her to spend $10.00 if necessary to have some man to get a good supply of the root to be taken up this fall. The locality is somewhat distant from her home – There can be no mistake about the identity of the plant

Mrs Babb writes me that her mother being in poor health she may not return this Aug 1st Doctor Parker delay his coming to the latter day, that would suit his convenience – I will endeavor to make his stay with me as pleasant and profitable to him as possible – showing him the country round about – the various stations where our more characteristic prairie plants appear – and all I know about collecting which is not much –

Rain yesterday & today – You may imagine the

Fountaindale Ills
Mar 18th 1871

Prof A. Gray
Dear Sir

Such lots of rare plants and news of more coming - all at once - I scarcely know what to write about first - For one and all however I am alike indebted to your kindness which I assure you is gratefully appreciated Thanks for the plants May these pigeons have so recently emptied remain open for further contributions once - if I am able to carry out my plans for the coming season I will

Express Parcels (Re
Transcripts Notices)

My "daily journal" No 8
as most likely S. tristis
var glabrata Anderson -
"Ad humidum aperte accedens"
- All these points I
will have finally
settled by Mr Anderson
- I only mention the
matter at present -
in case you would
desire to make any
change in the names
of the cuttings sent
abroad,

be better prepared next winter to supply you with Western plants —

I am very glad to have the use of your copy of Andersons Monograph. While the rest of the Pandrosus comes to hand, I want to own the Monograph also — If you see it in the Catalogues please order it for me —

Do not buy Salix Petiolaris No 6 =

S. (Petiolaris) gracilis Andrs

Fortes Chandler & Co.

Note with your P.S. came to hand today I am surprised and delighted to hear of the arrival of a parcel for me from Prest Mac Owan — Was not dreaming of any such good fortune — But so many good things are coming in now — I am more encouraged than ever before to collect freely, and I will be even with him yet!

I think of nothing you could send me with it — unless you could spare me some of that residuary product of Coal oil manufacture with which you were fumigating your cases

Yours very truly

M. S. Bebb

You are right in directing

Jonesboro Ills
Mar 18th 1871

Prof A Gray

Dear Sir

Your favor of the 8th inst came to hand at the breakfast table this morning — I immediately set about collecting the Willow cuttings which I send by mail under numbers corresponding with the inclosed list — (the same as my collection numbers of 1870) I failed to get last season good specimens on account of persistent rains during the period of blossoming — hence the lesser number of those marked in

comparison with ours—

Thanks for your kind services in my behalf concerning Andersons Monograph—&c— I have a real fondness for Willows and some plans formed— of which more anon— when I see what is accomplished through the collecting season—

I also send by mail some proofs of that Agaricopsis— Made blundering work in my attempts to divide the block— Would have done again only there was so little left— I thought for your sake as well as my own I had better let it grow another season,

I expect your parcel tomorrow when I will write again,

Yours very truly

M. L. Webber

1 S. floridana ♀
5 " " ♂
6 " " ♀
8 S. immedis (two near ternata)
16 S. diversa ♂
17 " " ♀
19 S. nigra ♂
21 S. longifolia ♂ et ♀
22 S. lucida var ♂
23 " " " ♀
24 S. lucida ♂
27 S. cordata var rigida ♂
28 " " " " ♀
32 S cordata var ♀
34 " " " ♂
35 " " ♀
36 " " ♀

Fern Bull. 1871

Sonitanidale Illinois
Jany 2nd 1873

Prof A. Gray

Dear Sir

Your favor of the 24th ult is just at hand — I thank you most heartily for remembering my wish to exchange with some one for the plants of Northern Europe — But now I want to make the most I can of the opportunity presented through your kindness and would thereupon prefer to collect next season especially for this exchange, sending only good fresh specimens of all the western plants I can collect myself or get from Dr Babcock or Mr Patterson of species which do not grow near me — I'd rather not spoil my credit by a meagre sending at first

If it would not cause you extra trouble I would like to know you retain the Rubiaceae &c of Kent Rock & Beulah - and finally send me a box by freight - The difference in time is only a few days - and the paper being heavy the Express Company charge about $3.00 for a bundle - or more -

May I beg of you a little Sarpthalia - Have tried to buy it - but the article I can not find in trade -

D Hooker wrote me a very kind letter expressing his thanks for the Willow Cuttings &c and ~~expressing~~ a desire to aid me in return - I thought it a modest request to ask for cuttings of the Willows cultivated at Kew - They came per few days ago - in a box as big as a dustbin! - I have only just peeped in to see that they were all in fine condition - The box came to New York with $8 charges for freight &c When it left the Custom House it was followed by a bill C.O.D for $26. assessing & cartage & postage & duty & commission &c &c - But I am delighted with the acquisition of such an extension in collection - and am impatient for Spring to come that I may set out my Collection - I am to send more cuttings - shall I forward again to you next Spring as I did last -

Will have a bundle of plants for you to pick over by & by - Do you want any Palms for any of your friends? - Do not get on very briskly as yet this winter with what Mr Cunningham Watts calls the "ordinary routine labors of an Australian Botanist"

With kind regards to Mrs Gray and the best wishes of the season to you both I remain

Respectfully & very truly yours
Wm Bull

(over)

P.S. It occurs to me that if you think it best I can send a package to St Petersburg next Spring - I have on hand a bundle of plants collected ~~last~~ in ~~of~~ 1871 designed for a party in Germany but never sent - Then I could take as the basis of my sending - select the best of the specimens and reinforce from the coll of 1872 - But after all it would not be such a collection as I would send at the close of next season - There is no region from which I more earnestly desire plants than from Northern Russia - Siberia &c and if Maximowicz favors me I will do my very best to send a good collection of our Illinois Flora.

Farmingdale Ills
Feb 3d 1873

Prof A. Gray

Dear Sir

I have your favor of Jan 24th
Will write to Mr Leeds
to send 2 sets of cuttings
as you direct

I am indebted to you
for urging me to make
up a set of plants at
once. for D. Maximowicz.
For I am really quite
complacent over the result
of my efforts - having
got together a much
better showing for our
western flora than I
expected my present
stock of duplicates would

counting their own time
worth nothing - are content
to realize a moderate
per cent simply upon
capital invested - Cattle
can be raised to cheat
in the S.W. to leave a
chance for profit when
pasturing on land worth
$50 p acre - Now I do not
contemplate an immediate
change in the face of
the present depressed state
of farm affairs - but "times
will change" as they have
before now when I can
sell out once have a
moderate income from
investing capital but still
scarcely a sufficiency to
support my family - and
here the question comes in
in What shall I do?

yield—

I am also preparing for your acceptance a case of 3 sets of Bulbs and two small packages of Western plants, —Of course I have but very little left to send you from this locality that would be new—or in any way needed for your own Herb, and desiring to make some return for the many kindnesses you have shown me I will send them packed so done up that you can use them without any trouble in exchange,

May I trouble you with one more question which the inclosed letter will explain— I desire very much these plants & Orchidaceæ— I do not know that I could get them direct—and would equally avoid myself of the present opportunity—providing that I do not ask too much of you in forwarding the parcel to Macdonnell—

I have a mind to write you of some personal affairs which claim at present from me much thoughtful consideration

A large influx of foreign population and consequent over production of farm staples in the West has used up farming as a business for all except the great mass of small farmers who during little

Feb 3 '73

If I could add a comfortable little salary in some way out of my comfortable little knowledge of botany I should like it - In fact I feel that in botany I ought to do more or do less! So far as the next year or two is concerned I propose to "lie upon my oars" to make the most and best out of the situation by simply living comfortably here in the country - botanizing - and waiting for a chance which will enable me to sell out advantageously. Now I do not know that anything whatever will come of all this. I have no very definite purpose except that I don't propose

to kill myself with hard work in order to make simple interest upon capital invested - considering my services at zero

Of course I will have time next spring to send you roots of herbaceous plants for Kew &c. &c. -

Sorry to learn that you are unwell and Mrs Gray sick - It is a fearfully cold winter all over this country - Hoping that you are both well & much better by this time I am

Yours respectfully & truly

W. S. Bebb

Fountaindale Ills
Feb 24th 1873

Prof A. Gray

Dear Sir

Thanks for your kind and encouraging letter. Columbus, O, as a place of residence and a Professorship of Botany as an occupation would please me beyond measure - I prefer a move eastward and this point would still leave me within reach of N. Ills where for some years to come I must hold securities which will require looking after. I was born in Ohio, you know, and lived there 'till I was seventeen

down and arranged for convenient use!

The more I think of this opportunity to devote my time exclusively to a favorite pursuit - of the advantages it gives me towards educating my children & the more I feel out of place where I am. When I wrote you before my ideas were crude - but day by day they take on definite shape, I shall sell out here even if I have to depend entirely upon income from investing capital - but like much prefer to have some congenial occupation rather than to "join the ignoble army of idlers" I can get away in the course of a year I think, Please advise me from time to time, What is the Salary likely to be.!

I could not relinquish personal ownership of my Herb. since my connection

Indeed I spent one winter in Columbus — A delightful city as I remember it. Please present my name as a candidate in proper season and if I get the position I will do my best to merit your recommendation

A few words about my Herbarium which I wish some good friend was at hand to say for me. Of its size you can judge. From the amount of paper I have obtained from you, about 15,000 species illustrated by + 30,000 specimens. The average character of the specimens is excellent and the mounting ditto three months for you! I never dreamed of making more than a private collection for my own personal gratification and instruction — hence the work (all done with my own hands) has been done with loving care. For 15 years past I have enjoyed a liberal exchange with our best collectors and have sought to illustrate especially the Manual Flora as well as possible — each species in full & for with notes its marked varieties — geographical range &c A very large number of specimens have passed through my hands in proportion to the number which I have selected for my Herb. Aside from my exchanges I have collected from the four corners as it were of the Manual district N. Ills S. Ills — Mass, & Dist of Col — The specimens are all glued

recommendation - which of course I look upon as my chief support, Beg from Mr Olney, Prof Porter - Prof Baird, Mr Canby - &c, &c

Pardon the length of this letter -

Very respectfully Yours

M L Bebb

with the college might not prove permanent but so long as I remained my best would be at its service If it was thought best I would cheerfully give my best efforts towards building up an Herb. for the college either a full illustration of the state Flora - or endowing a wider field - With my experience - circle of correspondents &c and a limited allowance to cover cash outlay I believe I could obtain satisfactory results, By the way dont mention "breeding"? - Botany, Horticulture Landscape gardening have been my pleasures! - farming only a bread winning occupation

Unfortunately my practical knowledge thereof would rather unfit me for enthusiastic instruction. I know from painful experience the truth which Emerson puts so forcibly in one of his essays on Culture that farm labor and intellectual effort are incompatible. There is a wide breach between the two and one or the other must give way. Only 5 years ago Joseph Harris our very best writer on Agriculture said that "the thinking American Farmer will be the man who can put ignorant labor to work." In that event horses might have been of some account. But last winter I saw one Col Waring expressed the feeling of nineteenths of the large farmers in the county when he said "I surrender at discretion before the labor question." That's just what I have done. I'm tired to death of pushing before me a great farm with a lot of stolid selfish dutchmen - Irishmen - cattle Horses - hogs - plows - reapers mowers - threshers all for the sake of the "fun of the thing" — Fruitlands is a beautiful place and I shall be sorry on many accounts to leave it. But higher considerations urge me to change.

Would it be worth while to get any letters secondary to your

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Would it be worth while to get any letters secondary to your

Fondaniedale Ills

Jan 1874

Prof A Gray

Dear Sir

Driven by an arctic day to buy the stove I have written the inclosed notes for the Naturalist. What do you think of them? I send you the specimens of Salix laevigata n. sp. from which my description was drawn tho' you have better already in your Herb from Bolander and others. — If my notes are too technical, and lacking in matter of popular interest for the Naturalist I might send them to "The Lens" I will give example of botanical recreation in "pottering over Willows" — I have a lot

of most interesting hybrids
but there are better
methods for a "Salicetum
Excaecatum" which I intend
to publish soon.

I think it would be
unwise in me to undertake
these California Willows for
Brewers Flora - I lack Herb
facilities & books - Whoever
attempts original revision
should need to be within reach
of Gray Herb. D'Jorneys &c. &c.
- The number of species given
in Bolanders list ought to be
doubled - There must be
alpine species &c -

I hope the Carrier who
takes this out will bring me
back a note from you

Very truly yours
C. R. Parry

Fountaindale Ills
Jan 2 1874

Prof A Gray

Dear Sir

I write to say that I have made up a little bundle of plants which I will carry to Rockford in a few days to send you by express—

Of the Compositae I have kept specimens under corresponding nos, and will be glad to have your report on forms of Solidago &c

I think I can clean daft on the Oaks last fall but as I

clams the independent recognition as half a dozen forms of D. cordata for instance — good species if it were not for the host of intermediates. No 8 is a queer form the broad axis being due to an involute margin — I suspect this is the very rubra you saw — for I find some acervus that are more rubra than anything else — with the hemisphaerae cells —

I have lots of plants for Massachusetts — Have heard nothing as yet of the 1600 species we sent you last spring — Also a bundle or two just out all there for you I send them along — A few of the more remarkable I have selected out and placed on top — the rest are not worth your time to look over. I collected forms running from 1 to 7 of the finlens outlines. — No 1 (rounded for) and all the rest being scarcely distinguishable in foliage habit of growth &c — but afterwards I found I could run No 1 into clean Q rubra and indeed that the whole genus so misused that the half dozen species had just the same

Fountaindale Ills
Dec 26th 75

Prof A. Gray
Dear Sir

Thanks for a copy of your recent "Botanical Contributions" I am very glad indeed to be the recipient of such favors,

Patent functions can scarcely command his own time at this season but so soon as the hurrah of the Holidays is past I intend to go to work in earnest and make up a few bundles of plants for botanical friends

Botany fit passes off quite harmlessly — In relinquishing my ambition in that direction I have the slightest inclination to make a "demnition damp body" of myself like poor Hale — But I certainly shall make of Botany hereafter simply a recreation — I like the by-ways well enough — and will be glad always to help others as far as I am able —

With all Christmas good wishes

Believe me
Sincerely Yours
W. H. Beb

which were begun
weeks ago,— I have
already laid aside
for Mainmoving quite
a largish collection of
our prairie plants Flora
— By the way I had a
letter from him last
June saying that about
the 1st July a shipment
would be made to me
through the Smithsonian
Agency — I have heard
nothing from it since!
— The Smithsonian may be
a sure but it is certainly
a slow means of transit.
I have also some
plants for Mr Macbride
and a bundle of
Cryptogams — which he
desires — Forgive

It is now just a
year since I wrote you
a letter which led to
several subsequent —
Asterinabs, Lung wounded
ones — about a Botanical
Professorship & all that.
I think a pleasant time
out at Dubuque — and
a foolish notion that
I "might — could — would or
should be" a botanist
was at the bottom of it
all — How little we can
tell what a year may
bring forth! — A sudden
— totally unexpected occasion
to which the Rev Beaumchesne
would call my "worldly
obsessions" makes me
quite comfortable on
that score — and the

Fountaindale Ills
June 14 - 1878

Prof A. Gray

Dear Sir

That was a happy thought yours - to publish Dr 11 of your Flora first. I devoted the evening after the vol was received to turning the pages over - and noting - to the extent of my ability the facts & information presented - I would have enjoyed it more a few years ago - when my enthusiasm in examining the original specimens in Muhlenbergs herbarium for me - The capsules - described by Muhl as "naked" are really more or less silky at base - (which accounts for P. myosuroides having been at one time referred to P. discolor) - I have several of these hybrid forms - some with glabrate capsules - approaching P. cordata (= myosuroides Muhl) - others more silky approaching P. pensica - which will be included in my published sets -

Very Truly Yours

W. S. Pabb

botanical matters
runs at its highest
- In your revision
of Mr Carey's elaboration
of the 'Manual' (also
"pending the publication
of Roy Anderssons monograph
in the forthcoming vol
of D'Candolles Prodromus"
you adopted for our
S. ostrata Rich Anderssons
varietal name "occidentalis"
As it is still questionable
whether S. ostrata may
not be retained as the
name of a good species
and as Anderson in
his monograph adopts
S. ostrata as a sub-
species - and in DC
Prod. the same name
for American forms of
this S. vagans would
it not be better to
write on ~~plant~~ S. livida
Wahl var ostrata - or
do the rules of nomenclature
hold that when a species
is reduced by an author
that the first varietal
name given must be
retained?

S. myricoides Wahl is
not a variety of S. cordata
but a hybrid S. cordata x serrulata
I was led to suspect this
from Dr Darlingtons observations
in Flora Cestrica - and
Prof Rothrock has

Rockford Ills
Sept 9/80

My dear Sir

Rockton secured a cause of action this season on the ground not accounted for. The plants found last summer have my great disappointment never revived of course a general clearing up of the premises. I was drawing home through an unfrequented street with the loss of the plants still in mind when to my subtle surprise I came upon a great plate of glass nature evidently no rubbish had been there and furthermore the next day I observed it growing in the stable yard adjoining an Irishmans shanty in the northern outskirts of the city more than a mile from the other localities mentioned

in both places associated with hemp. It looks to me now as if it had come to stay.

I shall have some to me at any rate. Rather interesting Williams to send you soon.

Salix argyrocarpa Anders collected by H. Little on the White Mts about 5[illegible] ago was named "Salix Labradorica Schw." Did Schweinitz ever publish any such species? Anderson says that it is a doubtful native of Labrador. But I think he is mistaken.

Yours very truly

W. H. Pabb

Prof. Asa Gray
Cambridge
Mass.

Rockford Ills

April 16/8,

Prof Sereno Watson

Cambridge Mass

My dear Sir:

I send To Day by mail the 1st fasciculus of my Herb. Salicum. I hope to continue this distribution until it shall include, if possible a full suite of American Willows - together with such European forms as may help to a better understanding of the affinities and methodical arrangement of our native species. No attempt has been made at an orderly out put of the specimens - It was first come - first to go - in the expectation of filling in gaps hereafter.

Please tell me what you think of the character assigned to S. myrsinites Muhl: Is not this hybrid S. candida x petiolaris a most interesting cross between two quite dissimilar species. I hope my new species will stand - I have certainly tried long enough to

find a place for it under every circumstance
allied species — Comment and criticism
from you — whether favorable or
otherwise can not fail to be
profitable to me —

Our snow drifts still bury
the work in the fields —

Yours very truly
M L Bebb

Rockford Ills
May 10th 78.

My dear Sir.

I had intended to write to you to-day. Only got back from Fountaindale last night and wished to re-examine some specimens left there before writing. This Willow of yours which occurs in the Rocky Mtns, Utah (Jones), New Mexico (Greene) &c attaining a height of 15 ft or more with stems 3 in thick is Salix flavescens Nutt. From the description and his remarks it is clear that Nuttall had this Rocky Mtns form in view. I wrote to Prof Sargent when reporting upon his collection of Willows from the Pacific coast that I thought it would be well to separate the Pacific Coast forms and restore the old name of the Flora Boreali-Americana - notwithstanding the objections urged by Andersson - but upon a careful examination of all the material in my herbarium I am now convinced that this can

not be done. The two forms stand in very much the same relation to each other as do S. Pendleriana of the Rocky Mtns and S. lasiandra and var lanceolata of California & Oregon and also in the case as it is on the Sierra Nevada that the intermediates are found. If I had only possessed the specimens from Jones, Greene, Mrs Austin Prof Sayers & Jones of which I now have at the time I was so puzzled to know what disposition to make of this species in the Flora of Cal I would have described the plants of the Rocky Mtns and the Sierra Nevada as S. flavescens with hesitation. and the Coast forms as a var or subspecies Scouleriana. Nuttall evidently intended his S. stagnalis to cover the Oregon Willow but the description is almost too ambiguous for preservation. and yet it would need to be cleared away before we could come down to S. Rocky Mtn types with. It is in the characters of the aments (clearly described by Hooker) that this species is distinguished from all other known species of the Pacific Coast. The leaves

furnish no safe distinctions. Occasionally the leaves of Scullcapa are quite as entire as those of Salvia. There is only this objection — if Scullcapa is good enough for a variety name then "by the same token" it should stand for the type of the species and the Rocky Mtn Pollen became its variety flavescens. And this is precisely the point which I feel unable to decide! My conviction is that the two can not be separated as good species. The characters by which at first sight we would seek to distinguish them are inconstant — do not correspond with each other — and fail entirely when we come to the specimens from the Sierra Nevada — The question of precedence you and Prof Dayena are better qualified to decide than I —

I will take the liberty of inclosing this to Prof A. — to be handed to you

Did you get my Willows — and how did the elucidation of the much vexed S. myrtilloides strike you?

Yours very truly

May 10th. M. E. Jones

Prof Sereno Watson

Politeness of
Prof C. S. Sargent

Fountaindale Ills
Aug 6/81

My dear Mr Watson

Will you please give me the names of the plants of which I inclose fragments

A is from Dakota or Wyoming - grows in a dense compact tuft, I should guess, from the little specimen sent me - Astrag. triphyllus

B - is from Nebraska - Habit described as that of Amaranthus hybridus.

C - from Dane Co Wis - Rosa Am. ? blanda ?

as 63—

An inquiry which I hope may not seem impertinent— Will you be sending in an order for Herb. soon and if so may I join with you to the extent of 10 reams Herb paper. One ream serves covers?— Through the kindness of Dr Gray I have obtained hitherto from my supply in this way— and as my acquisitions are not extensive nowadays 10 reams would keep me going for several years.

I am hoping after I get fairly settled in Rockford to find a little more time to devote to botany in an amateur fashion— and a little spare change left for purchasing Western plants—

Yours very truly

M. S. Bebb

Rockford Ills
Sept 3 81

B. L. Robinson Esq
Bloomington Ills

Dear Sir

It is much to be regretted that Mr Patterson published such a limited edition of his Catalogue - I did take 5 extra copies at 50 cts each but these were very soon given away to Botanical friends (in return for similar favors) so that now I have none to spare

Otherwise it would have given me pleasure to send you a copy -

Yours very truly
C. M. Robbins

P.S. I have just returned home - from a three months absence - and find your letter on my table. Please accept my apology for delay in answering.

Sept 4th. 81.
16 S 18 44
Botanist

Rockford Ills Box 1502
Jan 31/02

My dear Mr Watson

Recalling the appreciative interest you took in the California Willows at the time I was pottering over them - and how much I benefitted by your criticisms I venture to submit the enclosed, intended for publication in Couture's Gazette -

Again and again I have gone over the views presented - putting myself in the attitude of a critic bound to blow the whole thing up if a big mistake could be detected. only to feel satisfied that I was fully sustained by facts - Still to err is human - and I don't want to risk making a big blunder when a little prudent consultation with conservative friends might save me.

Kindest regards to Dr Gray
whom I can imagine full of
work and good spirits as I ever
found him ~~in~~

Very truly yours
M L Bell

Brief

Fountaindale Ills
July 13th 1882

Prof. Asa Gray
Cambridge, Mass.

My dear Sir:-

Having to get the copy of Andersons Monographs advertised in the place of the library of your British namesake - and having no better in two separate attempts to get copies advertised by Berlin dealers - I am finally, tempted to place an Bibliography order in the hands of a London agent, made the inquiry (pronunciation of the long one) for work - and will return the volume belonging to Dr Gray at the earliest opportunity - with many thanks for the accommodation long time I have had it.

I have lately received from Prof Harvell plants of Salix Lituensis which confirm me the more satisfactorily my relationship which I ventured to suppose

with the old world Lycaenidae and Pamphilidae - A single cursory would afford forms like this

None of the filaments known separating completely.

Yours very truly

W. H. Edwards

P.S. I have long been writing for an opportunity to consult the 2d vol of the Flora Boreali-Americana - and have counted upon a trip East as most likely to afford me this satisfaction: but the Obstacles look rather slim in this direction. Would you - sometime next winter - visit the Botanic by ephers: giving me a week for study, and then to return - as is it "gaines the rule" - There is not a copy of the work - that I know of - in the State of Illinois -

B -

926 Grant Ave
Rockford Ills
Feb 12/84

Mr Sereno Watson
Cambridge Mass

My dear Sir:

Ought Salix Drummondiana Barratt be included in a list of Rocky Mtn species of the U. States? I do not know just where Drummond collected, and while I think Gray's Bot. some years ago I neglected to make a memorandum of the habitat if any was given. Regarding your "Rocky Mountains. Investigations" D. Pendleton Academy opens in connection with its regular occupations in the Rocky Mountains. I was led to the complete and intelligent determination of some plants recently collected by Mr Hasbrouck on the Long's Peak Range, Colorado. The arrangement with suitable synonyms and critical descriptions in Gray's Bot. and the

determination is ascertained by tracings of the new specimens and a photographic [illegible] Drawing. Next [illegible] [illegible] [illegible]

which if not also Geyeriana must be distinguished by some character not given in the description — which is not always likely — Our plant in the Cedar Swamp from seed has become D. Drummondii, but has not grown — specimens of which I have sent you — much smaller & more silky, leaves still scarcely crenate & stands the summer separation

We moved into our new home last December and have been gradually settling down to the ordinary routine of home life — right in the midst of such a winter as you read about — I have at last for all my Botanical treasures a safe shelter under one roof — and rejoice in a cozy little study, opening out of the family living room —

Please drop me a line about D. Drummondii, & also if the miracle is accomplished in Cotton Flora — the dried collection to be sent to Cambridge,

Yours cordially
C. Pickard Peck

926 Grant Ave

Rockford Ills

Feb 12/84

My dear Mr Watson

One thing more I intended to write about this morning but it escaped my mind at the time.

In looking over all my Salix reticulata I notice quite a uniform difference between the Rocky Mountain plants and those from Europe - a difference quite sufficient to warrant their acceptance as a variety - providing I can find a connecting form connecting them. Your leaves are narrower in the proportion of two to three, but I have reticulata a true Hairman in Europe,

I wonder if this will be true of your Montana - and would it be better to retain S. reticulata Koch as little as possible & a Mackenzie as Turkish as a variety of the Rocky Mts. ? Retirement ? It may be true only in part - but I am anxious to do [illegible]

Moscou, Soc. Nat. Nouv. Mém. II. 259 (1832)

926 Grant Ave
Rockford Ills
Feb 21/84

My dear Mr Watson

Has Dr Gray the Paper by Frantzius which is Described by Anderson under the abbreviated title "De Sal frigidis in Mem. de la Soc. des Nat. de Moscou t 8. p 281–346"—

I know he has many memoirs of that kind extracted from the Transactions in which they were originally published— Possibly you may have the volume in the Library— If so would you have it either by registered mail— To be returned in a few days— Or if it is not asking too much would you copy for me the descriptions of Salix Callicarpæa and S. diplodictya — published therein—

And also for me— I'm almost ashamed to name anything more— please send me a rough tracing of the plate in Lodd. Fl. Cool. ic. t 468 of S. flavescens & macrocarpa

I have in hand [illegible] from Labrador [illegible] to [illegible] and [illegible] which [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] very satisfactory conclusions. A very brief report from Kew. And made after "four hours work at the Museum" does not [illegible] much done in a negative way by saying, that the specimens are [illegible] identified with [illegible] "North American Salices"

Yours very truly

M L Fernald

926 Grant Ave
Rockford Ills
April 7/14

Dr A. Gray

My dear Sir

When I received that interesting collection of N. W. Arctic Salices from Mr Watson I looked the specimens over in a kind of bewildered mood and concluded to keep them on my table to brood over. To work through in time cautiously. Taking a step here and there and then stopping to consider if by possibility I could be mistaken before firing further. But you request already has long held in abeyance precludes such leisurely ways and as you kindly call me up on a fellow by asking for a "Talky Talky Report" subject to your criticism I will give you my present impressions

The collections from the Commander Islands present

No 136 a fragment only showing a single ♂ ament but though the material is so scant there can not be any doubt I think about the species. S. Sp. cas a A & N

Nos 2307137-21-230-247-196 several forms all referable in my opinion to D. crassifolia "Trew herb ex Frank Sal Prod 5" - DC. Prod 16. 2. 283; Andrzejowski & Pallasii seems to be another of these instances - like the D. arguta - where the right is assumed to impose a "new name upon a new application of some of the older names included as forms there of

Turning now to the collections from Point Barrow the most strikingly interesting form is 63 - is happily well represented both in ♂ & ♀ aments - mature capsules and leaves This can not be other than D. ovalifolia Trautv Clearly our plant is an arctic modification of D. myrtilloides with subsessile capsules &c to distinguish it - It can not be D. fuscescens Rich which we know by the good figure in Botany of the Beechy Voyage - nor the doubtful variety minor described under that species. Perhaps the latter appears to be a transition toward our plant - Beyond these three there are no possible references to the made out Andrzejowski Pinetorum Monograph - And I may add that going over the description of D. ovalifolia critically to see if I could detect any difference to warrant the recognition of a new species I only ended in convincing myself that here our plant truly belonged.

No 29 is another interesting form. Its
peculiarities are not to be so clearly determined
. One must look for [illegible] in
a collection of Arctic forms from Prince Patrick and
to this species No 29 may belong. Certainly
the "villous capsules, sessile stigmas twice the
length of the scales" and "stigmas sessile bifid"
[illegible] with a general agreement with
the description seems to warrant such a
reference but the stamens in our specimens
are not "patula" nor are the (very young)
leaves "rigid" and "nervoso-lineates". These
discrepancies regarding the leaf might
formerly disappear in specimens taken
later in the season, while on the other
hand there remains the character of the
capsule and especially the sessile bifid stigma
very peculiar among Arctic villous forms
a produced style and lacunate stigmas
is the rule). The locality too favors
the probability of the plants being D.
flocculosa, while I do not feel quite sure
nor do I understand how D. flocculosa
with "stylo nullo" is arranged by the author
in a group characterized by "stylo
producto recurvato". I imagine that
Andersons plant, like our own must
have been more nearly D. subrosea &c

April 7. 77

than its probable would suggest.
If now leaving No 29 collected in June
we go on the study, in connection with
it No 97 collected in August an interesting
one presents. Is this No 97 a mature
growth of No 29? Of on the difficulty
about the leaves disappears but on the
other hand we have an evident style
There is now in the specimen coincidence
with Anderssons description / the lateral
crests on the current years growth are
clearly seen in No 97 / which leads me
to think that D. glacialis was founded
on a form not essentially unlike either
29 or 97 - But if this conjecture is ~~made~~
reasonable - I do not see how these forms
can be clearly distinguished from D. arctica
(forma fusilla - to which as you know
I had referred Nos 6 & 97 - In other
words I suspect that when we get more
material - if indeed this present does not
suffice it will be found that D. glacialis
runs into D. arctica. through intermediate
forms such as Nos 97 & 6.

No 24. D. rotundifolia Trautv. Has specimens
seem to be a modification of D. Kotzebuei
with glabrous capsules and as such embraces
our plants.

Nos 41. 12. 9. *S. fulcrata* And/or Jan as Seemans Plant is concerned. I don't know about the other). This is clearly of the Phyllocystis group and is distinguished from S. chlorophylla mainly by the stipules. which Jan will observe persistent in various places where the leaves have fallen. these are linear and standen semilate thus ✓ The figure in the Micrographia from a creeate leaves and broad stipules is evidently not drawn from Seemans Plant specimen. I happily have a tracing - and fragments showing stipules exactly like those in our specimens. In Jan tracing of Seemans specimen the ♀ amentis is poorly developed. accompanied by leaves like this

Can Jan think of anyplace we could see the tracing in the Herb. (Kew retains often our drawings with its specimens stipules are clearly indicated in our plants - as also this entire leaves. This is rather an important point (missed) by Seemans figure.

No 115 is a modification of the same

specimen. as is also No 89 (except a stray fragment of arctica which I have appropriated) /— 616. also same.

And yet I question what dissection should be made of No 89.— Anderson in his Salices Bor. Amer. fails to distinguish his S. fallacata from S. phylicoides — For instance he describes the capsules of S. phylicoides first as "2-3 lineas longae" and afterwards in DC Prod as "semilineam longae"! In DC Prod he describes the stipules of phylicoides as "augste lanceolatus" and those of fallacata as "majusculis lanceolato-ovatis" when we have ample in hand of the type specimen. To know that the stipules of fallacata are not as he figures them but rather as he describes those of phylicoides — Altogether it is a mixup which I am not prepared to straighten out. The ament of 41.12.9 open from the tip down as stated by Anderson — rather of in the usual manner.

No 62 I do not recognize.

No 128 is evidently sent by mistake.

I return all the magnes and have taken only a few specimens from my herbarium where there were duplicates

the space. On which please accept my thanks.

I will return the specimens at once - as you may wish to have them again -. If you are led to question any of the determinations here given please tell me on what grounds that I may correct the mistake if there be one - or sustain my position by "Talking Talky" - a good deal of which has been choked down - notwithstanding the assertion appears on the seventh page!

Yours very truly

W. L. Bebb

April 1, 84.

926 Grand Avenue
Rockford Ills
April 8/04

My dear Mr Watson

I ought to have written long ago to thank you for the beautiful and complete tracing of D. flavicauda mihi. I certainly did not expect anything so elaborate - but do not see how I could have been satisfied with less. It helps me to a clear understanding of the matter which I could not get from Audubons descriptions alone.

I do wish we could get Frauenfeld's paper. It is almost "too much of a good thing" for this (now) of qualified benefits to think of having "examples of the originals upon which the species were based for their identification" - As for the paper I had a vague impression that the memoirs in which it appeared were in one of the Libraries of Washington - and in reply

to my notice of them. Mr Wood writes me - "It (the paper) is in vol II of the Nouveaux Memoires of the Society imperiale des Naturalistes de Moscou - The Memoirs cover 6 vols and then it is called Nouveaux Memoires, so that it is vol VIII of the entire series - In the Library of Congress the volumes are provokingly missing, or merely loaned out, but never came - In the list of serial Pubs contained in the Libraries of Cambridge and Boston I find the Nouv Mem credited to the Library of the Univ of Mo and Academy of Sciences"

- As an indication of the importance of the paper in the study of American arctic Mollusca I notice that in naming the collection returned to Dr Gray yesterday I had occasion to refer to

S. crassa, julis Trask
S. ovalifolia Trask
S. rotundifolia, ditto - both of which I would much prefer to have had in the original - rather than in Audubons transcription.

- By the way seeing your mention of S. macrocarpa Nutt I am reminded to tell you that I have heard from Kew - I believe I told you in the letter - which I have written

- It seems to my determination
that Asks drops specimens is sustained
- but I had written that notes
some additional characters can
be drawn from the original D. Geyeriana
over and above those given by Aaronson
that the species could not stand - for
really Aaronsons description is identical
in substance with details of
P. macrocarpa - And now please see
what his people write me - Think
of my coming down on you
Country folk to endorse a new
species of mine - exactly like
something known a long time ago
only that the authors were "larger and
oblong" "traits narrower and old stems
subtomentose" - I'm afraid I would'nt
get my Bantling recognized -
- As I look at it the very discovery
of D. Geyeriana is against its
validity - Every other mutum collection from
the Region where it occurs has
rediscovered
- more of them in abundance - while
here we have a species founded on
only a single specimen which is

no like D. mucronata stock. Has only the size and shape of the antlers - truncation of the tines and outline of the head come the nearest to Alces, absence of dentation.

Oh I forgot. I ought to have said that my supposition new species existed in only a single specimen.

It would do, - still as Dr Joseph kindly offers a tracing I will follow the matter up - and see what comes of it.

I am much occupied now a days spring, with new house - grading and planting. Have 600 trees &c - and shall be very busy until nothing and please and more than the Arctic Salices of Jan 1st & ... I would like to get this old set of Types of Horn Bar Rose from the Jurassic Hill again - and I should [illegible] know to make better use of such things than I did 8 or 10 years ago -

Yours very truly

W. Lx Lesley

Rockford Ills
Dec 9 '14

My dear Mr Watson

At the time I had Mrs Austins letter from Aiken Co the whole case was under examination I thought it might be what I intended as his L. Stephens but aside from the fact that I was unable to verify this. I failed to see how it could be already determined from the typewritten statement of the Carling Mrs unless possibly by a previous acquaintance or difference in the shape of the letters from the

specimens in hand seemed to warrant - and in this Mr Cusicks specimens do not help us out. I know it seems like carrying matters [illegible] far to link this with Hieracium on the one hand and Crepis Scouleriana on the other - but I recall very distinctly the absolute failure I experienced in attempting to trace any lines - however often the Hieracia are seen - this hundred of numerous Crepis I confidently expect to return to daily studies - to Leaf Axil in abeyance and I could not therefore

return your ticket till I know for sure this matter again

I have a confession to make. My correction as far as Potentilla is concerned and that is that the most precise and material interests of the genus - the fructification is a wrong feature - very much marked with such an idea of this numerous interference. And Washington is not to the United States what London is to Great Britain - not by a long shot! On this account I am not sorry to see a change & advancement, only to convince further that written descriptions are deficient

are so absolutely dependent upon Acts of Congress — as some people would have us believe —

Yours very truly

Robert Bob

Bob6

Rockford
Dec 10 '84

My dear Mr Watson

Bentham says of
Salix reticulata "Catkins on
rather long, leafless peduncles
at the ends of short branches
opposite to the last leaf" This
is very expressive - particularly in
the case of our S. reticulata where
we have

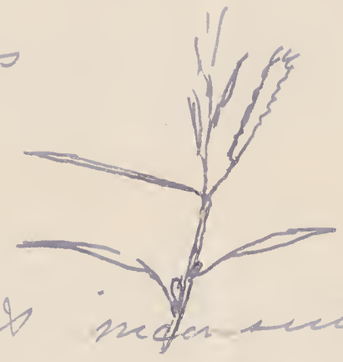
Now I observe this condition
expands the whole branch as a
leafy peduncle and I shall
forthwith term such "catkins on
long leafy peduncles"

I suppose this already [illegible]

the peduncle of S. lucida for pedicels in fact as much a branch as are the pedicels proper — Still would I use would I use pedicel for the sake of clearness of statement, adhering to botanical language —

I notice that in your Bot 40th Parallel p 327 in translating Andersson you say "peduncle leafy" while a few lines further on you have in your own remarks "ament on long naked peduncles" thus encouraging adopting a common sense view of the matter —

If we regard the flowers of S. nigra for instance as being borne on short lateral leafy branches — and this view we can not escape for often the growth is continued from the uppermost bud even of the ament thus



I see no great inconsistency in calling, only so much — in the case of vestita — as appears above the last leaf, pedicels and not the leafy portion of an axis or lateral branch —

Please let me have the description of your Salix

Yours very truly

Wm H Pelt

Index

Glossary

Aug 6/85

Dear Mr Watson.

In "Dimple Dick" as correctly spoken - But I had one in Ohio - a collection from Northern Ohio - containing of Cuttin's visits, flower notices &c. &c. You may "Jimmie with Flowers" & [illegible] [illegible] [illegible]

Rockford Ills
Dec 13 /85

My dear Dexter Gray:

I read your letter with a delight almost childish in its intensity. In the first fellow who can find stiff in his easy chair before the fire, after five long, weary weeks of sickness, a few words of kindly sympathy come home very differently from what they do to the strong man. How quick after the attain one hand to the limit much of his own health or store of energy he has

My sickness began with one, and a severe - but very serious one - attack but followed by reby regular - Throughout my excessive weakness was out of all keeping with my personal symptoms - Until I came on the upgrade now looking forward to the next five weeks and questioning hesitantly, if they

will restore to me the health and
vigor lost in five weeks' time.

I had intended to recall
my first visit to Pembroke
twenty seven years ago - and
obtain from it some data to me
of lasting benefit and de-
rivation but my hand by its
to prove shaky — this another time

Very sincerely yours
Fred Dobbs

P.S. If you have still left (which
is doubtful) a copy of your notice
of Greene's recent work will you not
please send me one -

Rockford Ills
June 21/56

Prof Asa Gray

My dear friend I am still housebound except on pleasant days and such are scarce at this season. But I have gained strength perceptably in three weeks past without however developing any plus energy to carry me beyond the very quiet, monotonous life of an invalid.

Thank you heartily for recent favors, for the biographical sketches — the notice of "Bebbia" — and for your kindly sympathetic letter. Either would lead me, were I in better trim, to overburden a friend very busy about more important matters with a prolix letter. As a young man I cherished an ardent admiration for Agassiz. His "Lake Superior" (which happened to fall into my hands at the time) was one of the books which

helped to make me a botanist of the small fry sort: but in later years I never could quite get over his speech delivered at San Francisco on the occasion of a public reception tendered by the Academy of Sciences of that city. I shall forget that now!

It was my good fortune to be in active correspondence with Judge Clinton during the entire period of his greatest activity in botanical pursuits. The number of droll letters I had from him:— once three in a single day! Even his plant labels were characteristic "Aster simplex D. Gray says, and I grumblingly submit" Who else would have put that on a ticket in just that way! The very printer's page seemed to change into his well remembered handwriting as I read his injunctions to you concerning the "Preliminary List"

Mr Greene assured me of your endorsement of "Bebbia" when he first wrote me about the new genus but it is none the less gratifying to have the reassurance come in such cordial terms.

My warmest regards to Mrs Gray How I would enjoy an evening with you both

Faithfully Yours

M. L. Rob

926 Grant Ave
Rockford Ills
June 1st/16

My esteemed Friend

I am happy and proud to be remembered for a copy of your Contributions. Have especially enjoyed an attentive study of your Revision of The N. A. Pannuculi

Please accept my warmest thanks for this favor

Yours very truly

W. L. Bull

P.S. I have a good appetite and sleep well o' nights. Altogether I see no reason why I should remain - as an old Irish workman

Some used to say "as short in the puff."

926 Grand Ave
Rockford Ills
June 18 96

My dear Mr Watson

I write to thank you for the copy of your recent Botanical Contribution No XIII. I do enjoy getting such "dumps". There is a subtle enjoyment in cutting the pages and looking over what the real workers in the science are doing. Nor is this I imagine altogether free from a certain degree of "personal conceit" — "I too am a" — botanist, at least up to the point of appreciating the achievements of others!

I am glad to learn that my friend and correspondent Mr Bauer is engaged upon a monograph of the Salices. He brings to the work admirable qualifications and a conscientious spirit — and has at hand the ample facilities afforded by access to the old herbaria of Europe —

He directs me to forward some of Dr Gray. any specimens which I may wish to send him hereafter and this leads me to ask — will you send him the Willows of Dr Grays herb. and if so when?

By the way how can I get such an Index of Salices (common) as is contemplated in Lapland & Kamtschatka & Siberia — by extracts or otherwise? This distinction would be of the utmost importance to the European forms of S. fragilis S. lanata &c and enable a critical comparison of the mode of the arctic & allied forms from sub. arctic America

You see from this that I have not altogether abandoned the expectation of attempting one of these days a revision of our Nearctic Willows

Yours very truly

C. S. Sargent

926 Grant Ave
Rockford Ills
June 18/96

My esteemed friend:

Did I write to thank you for a copy of your recent contribution? I intended to do so but fear my good intention may have miscarried. From prudential considerations I spend much of my time this summer out-of-doors, working in my garden, and have acquired a farmer-like disinclination to the use of the pen.

But I have not quite given over thinking of Millers and the knotty problems which

our N. A. species present — some of which I dare hope I may yet be able to disentangle.

I am happy to learn that Mr Buser is engaged upon a Monograph of the genus. He is an old time friend and Correspondent (Prof Rothrock introduced me when he and Buser were fellow students under Dr Bary) and I know of no one better qualified for the work or who would be more conscientious painstaking. There are some questions needed as the relations with N American subarctic forms & European types which are most easily approached by the Old World student not simply because of his more intimate knowledge of species of each in the regions but mainly that he has access to old herbaria.

Thanking you for this return upon your list of those deemed worthy of favors and whose claims are so much I remain

— my dear Sir

Your devoted friend

C. G. Pringle

Rockford
July 27/76

My dear Mr Watson

Thanks for
advice concerning the
sending of a parcel
from Norway. I will
arrange - if possible. The
loan is come by
way of Germany and
the parcel mail.

The last time I
asked for the transmission
of a parcel through
the Smithsonian I got
such a curt reply
and a quasi-refusal

or conditional acceptance
(I was told the other day)
that I have not
brothers & that "Institution"
Price –

With kindest regards
from my Family
Mrs Seth

926 Grand Ave

Rockford Ills
July 3rd 16

My dear Doctor Gray

I most assuredly "appreciate your Letter". Nothing could give me greater pleasure than to accept your kind invitation both as to the hanging of my hat and hash (hanging my hash on the Willows is good) but it is a pleasure which I am constrained to forego for the present.

I feel proud of being asked to do the Willows for the Manual by that much used old book & possess two copies: one with which I began the study of botany years and years ago, the other well worn but evidently less

arranged at home. The translation of
middle age and I was
very complete reading & even
permits to contribute. I only
hope that I may be the more
nearly as well for my Day as
Adam Percy left it for him.

Receiving now notice of the publication
of a Reprint of M. M. Pillows for
your Home, and I also a more
pleasing Th. Spencer as well some
account. I had begun this
Communication a critical study of
all our species preliminary to
publication of any work. I do
however absolutely need - had one
missing female. To avoid myself
of this advantage which your
Confidence and Liberality opened
afford. I could write all my

known that "Letters in Italics or Capitals"
might be made conditional for the
purpose had if my use is needed
I depend I should be glad to
be so done. And while I have
our thanks of "Keeping my name on
a peg on your Cotton" I may
continue my pleasant correspondence
I have Notes for the remainder
of some of your Mountain, while
I have Spent Enlightened.

Concerning the condition of
your Pillows in Troy to Kansas,
about which you ask my Journal,
I must I suppose Turn the other
Cheek; which May I do with a mite
more Ease in the Consciousness
of our U. S. Species most. Truly, Thine
and I am the Entomologizing Administrator
of The Dakota Territory of Yankton
Creation and Theirs. Now the
Our Northern whose all return
merged in this appeal must be

926 Grand Ave
Rockford Ills
July 14 1886

My dear Mr Watson

My friend Mr Shurtleff
is writing Mr Shurtleff's Italian
[illegible] it shows our friendship
& confidence, concealed under a
French disguise — But I must
not tell you so, or you could
not read it

I intend very soon to join
all our Pentecostal & Holiness
Re-organizations into one Union
perhaps I may come more
than once — Yours with

Love & prayers

Shurtleff

The leaves are not quite entire. The lower ones have a very ragged, glandular denticulate - appearance of the upper ones: those appearing rather bluntly as if they might develope a margin somewhat denticulate or crenately serrate.

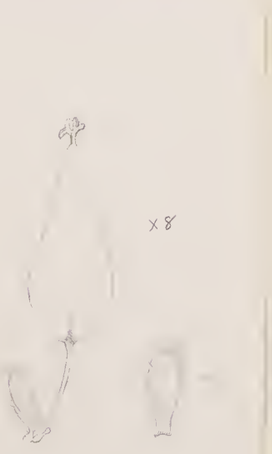
If your correspondent is collecting, & so forth would like very much to see the leaves of later date. If folded, the specimens would be likely to keep their natural shape, & be more presentable.

The original ticket of specimens in C Bauhin's herbarium has the specimens of one root only. If so I will return it to you as I have no use for it. Of the two kinds "self the morning glories" in Fothergill's collection

Receive best wishes

from yours cordially

J. Sowerby



926 Grant Ave
Rockford Ills
March 8/07

Dear Mr Watson -

The Willows are safe in hand this morning after being a long time on the way. Looking them over has been on the whole not a cheerful nor encouraging experience - I encountered such deplorable stuff written down "Aida Bebb" on the strength of mounted specimens sent to me for determination! Well I am glad to have a chance to correct at any rate -

Types of Andersons will be very useful - and instructive. I will take good care of the specimens and return them in a reasonable time -

I have gone at our Willows de novo - Taking each

individual specimen worthy of examination. simply as an individual / that is with no preconceived notion of the species / and have made a careful and thorough study of details. drawing on the large sheet. the capsule - seeds - stigmas - &c - to a uniform scale of 8 diameters - Gradually all of this detail work has already begun to come a clearer definition of the limits of species -

But I am done naming specimens by numbers unless I can feel dead sure that my correspondent knows when two things are the same with both before his eyes - The mischief of it was I had to do so much of that part of things at a time when I was myself a mere learner -

Yours very truly
M. L. Fuller

926 Grand Ave
Rockford Ills
March 8 '87

Dear Doctor Gray

The box was received this morning - Contents as imagined as when they left the Harvard Univ. Herbarium. I will take good care of the specimens. and return them within a reasonable time -

I am glad that you have made inquiry after Herr. Barnes. His Bellows ought to be in your herbarium when they could be accessible - especially the types of the Flora Bor. Amer.

Dr had not entered into my calculations that I might miss the pleasure of meeting you this summer if I went to Cambridge - Nevertheless I

am glad that you can get away for all this helpfulness and inspiration that must come through change of scene - and the meeting of friends over the water -

I am pursuing a better method now in the study of Bilirubin - more cautious - thorough and reliable - recording in notes - drawings of details &c. the absolute proof of every position taken -

Very respectfully Yours

M. L. Rebb

926 Grant Ave
Rockford Ills
June 4th/17

My dear Mr Watson,

I ought to have written weeks ago to tell you of the satisfaction I got out of a careful study of the Arctic Babies which you so kindly placed in my hands: but in the midst of my closet work I was called away from home for a fortnight and have but just returned.

Thanks for the additional Alaskan material which I find on my Table — a timely accession to further study.

I imagine Dr Gray will have sailed for Europe long ere this but on the bare possibility that he may not have done so let me thank you & convey my thanks for

"Botanical Contributions" 1887 and best wishes for a prosperous voyage - successful prosecution of his labors abroad and speedy return.

If he is to be in London any length of time will you please give me his address -

Very truly yours

W. L. Bush

926 Grand Ave
Rockford Ills
Jan 14 '11

My dear Mr Watson

In handing you the
MS of Salix for the new ed of the Manual
I wish to say a few words about what I
have done — with the understanding right at
the start that this letter is not to be
stuck away somewhere in the herbarium
as a kind of personal commentary on the
whole performance — I want to write too
freely for that. There is no person upon
whose criticism I should so readily feel
like doubting and revising my own opinions
as your own — certainly no one to whom
I can trust so much to correct any
imperfections in literary style — In a
matter of fact you would not have had
me write the Salices if you did not trust
my judgment — in a matter of treatment
I have by no means the experience of a
constant writer like yourself — Well this
is a long prelude to my few words —
The two main sections are briefly and
yet fully defined — I would have

adopted Prices name America for the first if I could have found another equally good for the second but understand Diandria would work - there are too many diandrous species in the other group -

My first division made § 1 dominates S. longifolia - by a good long tube character - at the same time leaving out the other species with capsules glabrous -

The next subdivision by the number of stamens I do not like but it is the best that can be hit upon to separate our native species from the introduced fragilis - It is best to avoid sectional characters drawn from the male but in this case it is unavoidable - as I imagine it also must have appeared to the Carey

Don't be dismayed when you study my first description S. nigra - it has given lots of bother and is as good now as I can make it - The forms are so variable and so difficult to define in a few words - The remark about Var Diandri is not wholly superfluous - it gives emphasis to the fact that the leaves bear a close example likeness to S. cordata the decisive

even Andersson! Let me beg of you to admit the way in which I have given authors names after reduced species - following in this respect Hookers Students Flora - Among the Willows I do not see what else I can do - There are some reduced species where it is not certainly known to whom the credit of a first reduction really belongs - Besides it saves space

S. alba var vitellina L. (Sm.)
S. alba var vitellina, Koch. — (S. vitellina L.)

I think I have the species in a nice natural - linear arrangement

nigra - amygdaloides - lucida - fragilis - alba, longifolia - Longifolia really belongs to this section - but deserves a separate group — Now about the note after S. fragilis - it is the briefest and seems to me the best way to dispose of Russelliana - Fragilis viridis &c - instead of interrupting separate descriptions - would you write Note before it or a bit it stand as a paragraph under the last species of the group?

Notwithstanding the fact that we have only one sex of S. Babylonica I think

it should be regarded as a duration -
I am assured that when a stream in
Pennsylvania runs for miles through
a trackless mountain forest its banks
are lined with S. Babylonica -

Under § 2 Capsules tomentosa - Capsules
glabrous seems at a glance very artificial
- but it divides our species decently -
without doing violence to natural
sequence - brings the alpinae where
they belong &c - It would not work at all
in Europe - with us it works first rate
seems to me - Style short or none as
against style elongated - is not liable to
be misleading - The first section
following brings discolor and rostrata
together (as they should be) - and places
rostrata of all our species next the
American which is also as it should
be -

The next section (the cane repetition) contains
the characters as far as possible of S. humilis
and S. tristis -

The next group (Argentea) gives S. argyrocarpa
where it belongs - After defining the
subgroup there seems to be little left
of S. sericea and S. petiolaris but the

differentiating characters - and this brings me to the way why I have marked these in pencil — Bill is back well - as in the present instance the Italics the whole description — You can deepen the lines if you think yes — or rub some out if you think no.

16. S. phyllicifolia, L. Have not appear in the Torrey Bulletin for February any reasons in extenso for destroying the old Linnaean name for the White Alder plant — I shall also restore S. Muhlenbergiana for good reasons which met D. Grays approval.

The cordate group owing to the number of additions is necessarily expanded beyond the old limits — You will see I have combined characters on defining groups as far as I could. S. myricoides Muhl. is such a common hybrid - has been so long in the books - has caused so much confusion and been so little understood I thought a brief description would be better than the mere mention given the newer (but not less interesting) hybrids.

It was with pride I received the pollens of the Harvard last week that of

dawned upon me when Carey got his S. amygdaloides with "Catkins resembling S. discolor in size and aspect" Her Specimens were collected by Dr Lapham at Milwaukee — and belong to my S. glaucophylla which is — I am more and more convinced — a good species. — I thought best to add the var amygdaloides and brevifolia, began left out reluctantly on the score of economizing Space —

If I have made the description of the Alpine Specimen a little fuller than they appeared before it has only been because so much misapprehension has hitherto existed as to make the discrimination of these little willows a by word for expressing the ability of the cultivated intellect to do what the simple instinct could not —

Nobody — not even fairly good botanists seemed to get the names straight

I had better stop right here and whatever else I may have to say — keep it another time — I hope I can not deny that my work will be approved — but now that it is done I am in no mood to regard it myself as satisfactory — Cordially Bebb

P.S. Section including S. lucida. one specimen did you use the singular as I have written it or any Shrubs or small bushy trees instead? Top of page 2

3. S. lucida - Dudley first observed the persistence of the fertile arms - Bailey afterwards met with it half-a-dozen and described this as a new var - not giving Dudley a word of credit - I was glad to find deliverance from the whole business - 4/5 of my specimens exhibit persistent fruit

On some accounts - with my little experience - I do not altogether like eliminating from the description of the species - characters begun mentioned in the group - The average botanist will not - (the average student such as will use the Manual I mean) - go back and combine the synoptical group with the species description - You have noticed this one doubt in the quotations that are often made from the "Synopticon Flora" without giving more than merely the name of the species - But this is a bare space -

926 Grand Ave
Rockford Ills
May 30th 88

My dear Mr Watson

I have the Millers of the Harvard Herb. Blanca Arctica - &c all back in the box in which they came and ready to be returned, when I received a letter from my friend Coulter in which he says: "I go to Cambridge next week to see about getting out a new edition of Grays Manual - with enlarged range & you want to be ready to do the Salix work" - Dr Gray had kindly written to me about this a year ago -

and although I expected that the work would be carried out by their successors - I confess the matter had passed out of mind - and I was not prepared for the announcement that already active measures were being taken to bring out the proposed new edition of the Manual - Instead of returning what Millions I have I would like to make another proposition - Hoping it may meet the approval of the Curators of the Society next - So far as I can judge now I will have better opportunity for study next winter than I have ever had - - If no untoward events breaks in upon my plans I will really

have most of my time to give to Millers - Besides I have just found a most helpful friend an correspondent in Mr J. G. Baker from whom heretofore I have refrained from asking favors - Again in the few sheets in my hands I was dismayed (as I wrote you) to find how fearfully some of my correspondents had misplaced my determinations - given as of "Both" - So far from returning what Millers I have now - I would like next winter to revise the entire collection - put things in order - correct blunders of my own that may be therein

May 20 '48

revealed to us in a word just as
I now look upon a specimen
with one of Carey's pictures – as
decisive for what Mr Carey had
in mind when he wrote the
Psalms for the first ed – so
now I would like that the
Gray Herbarium should preserve
for future students – my mature
judgements – I realize now the
importance of dated determinations

I go up to one of the Wisconsin
Lakes for the summer months – to
give Mrs Bott and the children
a change and rest – When we
return I have nothing else in
view to occupy most of my time
other than botany – For once I
can plead that I am a professional,

Yours very truly

M. L. Bott

Rockford Ills
Nov 2d/84

My dear Mr Watson

You wrote me last summer about my doing the Dalcus for your revised ed. of the Gray Manual — and for Sprague's June 1st as the time when the work should be finished — Now if this date really and truly represents the last day of grace — the best I can do for you will be an automatic performance — but if assured that there would be no delay beyond you can write written January 31st I should hope to do the work con

<u>anon</u>.

My plans for the early winter have been all upset - and with heart and mind otherwise absorbed I feel an almost insurmountable disinclination to the doing <u>right now</u> of what under more favorable circumstances would be simply a labor of love - Still the outcome might not be so very different after all. - The heavy heart or the lighter heart might not show in such a trifling thing - There are three or four specimens to be added - - two names to be changed - and some characters added to the Carey's descriptions. The importance of which was not fully appreciated in his day - Also a

change is required in grouping the species - but not a wholesale change - and furthermore I should retain as far as possible the very wording of the descriptions as they stand —

I said something to you about sending me the Harvard Bot. Cabinet for a thorough revision - but at the time I wrote I was so interested in the study of Britons I "could not see straight" — So far as I was personally concerned I really feel now quite indifferent - There is seemed to me very desirable that certain determinations of mine — not dated - and doubtless conflicting — with no clew to which might be the later and better

judgment should be corrected -
- but whether I should make
the confession with shame I
do not know / I have really
learned to care very much
about the matter - one way or
another - The specimens I have
in hand are all safe and
will be boxed up and returned
when I get at such work -
- when flying away gives me
my winter's season of leisure
and opportunity for study -

Very truly yours

W. L. Webb

926 Grand Ave
Rockford Ills
Dec 6 '11

My dear Mr Watson! —

I breathe easier!

The Pillows for the Manual are all written out in the rough. Now I will have time to come back to portions here and there in a spirit of cold criticism.

I first thought of a re-arrangement of the species which I feel confident is an improvement. This reporting alone would have necessitated rewriting the whole business. I wrote out the descriptions first from the specimens in my botanizing — from — in some instances, a whole

pigeon hole full of a single species - then I collated with the descriptions J. Carey, Anderson Horton, Purdy - Mackay - &c - to see if I could find a happier turn of word to express the idea - and to make sure I had not overlooked something important - Next in arranging the species synoptically as far as possible I cut out of each description the characters which admitted of being lumped - Then I went over the whole and pruned for the sake of eliminating superfluities - Of course I am not through yet - but I can safely assure you that you can have the MS any time you may call for it - such being the case I shall want to send it on to you in time that any changes which you

editorial revision may necessitate
many the property made -

I will give you the why's
and wherefores of the changes I
have introduced when I have
you the MS for inspection -
and will be glad to receive
from you suggestions and
corrections - On this account more
than many other I desire all the
leeway beyond Jan 1st - I can
get - for if you must send the
Millions to the printer by Jan 1st
then I must send them to you
almost immediately - & then would
be no time for me to know if
I had taken too much space
on something of that sort - I have
cut out so many of Carey's

Dec 6, 88

forps and inserted others of my own that I scarcely knew how made my account will oversum this in number of words.

Furthermore in the Cordatae proper there were three species to add, I never realized till this work forced me to a criticising of Mr Berry's grouping, how if any this alone or any have been the cause of so much difficulty encountered by students in naming our most common species. For Millers have always appeared to the average students such a bad lot I have felt amends justified in joining a little more space to their elucidation.

Yours very truly

M. L. Dudley

926 Grand Ave
Rockford Ills
Dec 26 '87

My dear Mr Watson.

If you do not object on account of the risk and are willing to be at the trouble of boxing up the specimens I wish you would send me all the North American Salices in the Harvard herbarium. You are aware that I already have in hand the arctic and alpine species. Now that I feel in the mood for it and the rush of non botanical things which nearly overwhelmed me last fall has pretty much subsided I feel like undertaking a serious study of N. A. Willows as a whole

and as in this event I shall certainly wish to consult the herb. in some way - I make bold to ask the favor before my visit for the Botanical specimens leaves my hands & not knowing what unexpected occasion I might find for modifying what I have already written -

There are several reasons why I wish to have the specimens in my hands until next spring when I will return all together -

1st. for study I crave -

2d the correct I know not how many erroneous determinations there may be as "of Babb" by my correspondents - the fasciculus in my hands gave me the clues on that score -

3d the correct my own determination

made in the last twenty years -
all of which are undated and
I hereby furnish no clue to my
final judgment -
4th to have another look at Carey's
types.
3-th to arrange the sheets when this
may be necessary -

It is now about ten years
since the collection was in my
hands - At that time I felt a
timid disinclination to disturb in
any way what seemed the work
of my betters - even when I felt
sure it might be improved -
Afterwards when you expressed your
regret that I had not done so I
would have been glad to recall the
lost opportunity -

As the matter is wholly one of

my own seeking I shall of course expect to pay all charges —

I cannot now mention the pending [illegible] Wilcox a second time if I were not at a loss to recall how far what I afterwards wrote might have been entirely on a recommendation of my own personal desire — When Dr Jenny informed that I should do the Wilcox for his Lymphatics How. he offered to send me his specimen — while expressing his objection to risking them across the Atlantic in Bruce's return

I do wish I could go to Cambridge — but can't afford it.

I hope you had as jolly a Christmas as we did in this house yesterday — I can't say more than that and I wish you all manner of pleasure and Victorian prosperity

Yours truly, Osler

926 Grant Ave
Rockford Ills
Monday A.M.

My dear Mr Watson:

Oh no! it is not quite so bad as my letter seems to have led you to infer. I feel overburdened with duties not at all irksome in themselves but absorbing pretty much all the energy of mind and body that I possess — which is not saying much — Perhaps when I wrote I felt a little impatience at the thought of doing under pressure what I would so much more enjoy doing under other circumstances — But I believe now that I exaggerated what

was before me between now and Jan 1st. It all looked like an insurmountable heap - but when I came to catalogue it the actual must be done sounds very encouraging. This work energetically put in will make a big hole in the pile.

And now if you will send me - right away - the area you propose to cover I will be ready to begin as soon as I get your letter. Of course there will be interruptions but I hope "well begun" will be "half done".

Dr Gray when he first proposed my doing the Millers for a new ed of the manual proposed to include the states east of the Miss - or was it the 100 meridian

from the gulf & the St Lawrence
and "essentially Canada". I have
an impression now - I do not know
whence derived that Gray and
Mr Carlton propose to simply extend
the western boundary so as to
Canadá with Carlton's flora. - leaving
the northern and southern limits
as at present defined. Canada -
even Lower Canada - would bring
in quite a large number of
species which are not found
in the eastern states at all -
Such as D. vestita - D. Richardsonii
D. arctica - D. glauca - D. dasystoma -
- I have been thinking - without
actually writing out anything -
how our species could be
grouped - and I believe that I
can see the way clear to

an improvement at least on the present arrangement.

Please remember me to Mrs Gray and express my thanks for the copy of a List of the Writings of Dr Gray

Sincerely yours
W. L. Dudley

Rockford Ills
Dec 15 '02

My dear Mr Watson

Errare est humanum

in naming Willows from leaves only - but here goes

371. S. rostrata, Rich

372 S. flavescens, Nutt

373 S. cordata Muhl forma

So much I feel sure of. and I should have scarcely less hesitancy in referring 367 to S. flavescens also - As it is only the earlier leaves of this species that are in most cases obovate - and as it is almost always these alone that are collected. the later - narrower - more conspicuously serrate forms are less readily recognized as belonging to the same species -

If driven to a guess on 370 I should say S. rostrata

but the leaves are unusually short petioled for that species. Still I do not know what else it possibly can be.

Can small packages of no commercial value of botanical specimens be sent to Europe by post? If so at what rate and under what conditions? I should like very much to know and your knowledge of the matter is likely to exceed that of the P.O. of our island home.

Yours very truly

O M L Lobb

Trades & alla- ~~Abaka~~ and after
A favourable time of [illegible] month — during
which the winds which [illegible] from which
readily [illegible] along shores by
[illegible] and [illegible] by [illegible] and [illegible]
[illegible] — attaining a height of 3-0 — 80°
(over)

P.S. I would say in explanation — I have
studied Flora in Mycenaeaceae — & there
is also found Fungi closely
hybrids with Lycoperdon — hence the Fungus
of mutans mentum under plane alba
MLR —

P.S. No 2, Of 2 transverse sections
heading / I've have inserted "small
tree" - endeavt to make these
sections correspond with the
others - but transverse can
scarcely be called a "tree" and
as a shrub is an expedient,
varieties from low and diffuse
to virgate - Here I dropped the
whole question / the same for many
reasons - 2° because the species -
is of such pronounced character
in every way that it seemed
superfluous to speak of its
habit - Bentham would
perhaps call it a "twiggy shrub"

926 Forest Ave
Rockford Ills
Jan 11th 19

My dear Dr Watson

The box is here and I have gone through the contents making a hasty reconnoisance to see what would turn up to repay careful study. I hasten to assure you that the specimens have suffered no injury in transit and to express my appreciation of your kindness in sending them to me.

I have my account of the Mammal Villus all written out but will hold the MS for a few days until I ascertain whether I can - if at all. the accession

of so much fresh material may necessitate changes.

Even in my rapid examination I have come upon a few things which afford me immense satisfaction as confirming views already held. — nor per contra have I found anything which I should have felt much ashamed to let stand as work of my own — The chief value of the collection to me of course lies in the fact of its containing so many of Carey and Androssovs types —

Thanks for your good wishes coming, as they do with so much freshness and felicity of expression I'm not likely to get down in the dumps unless completely overloaded — I feel positively grave now as if the study of Millions was the chief end of man

Cordially Yours

926 Grand Ave
Rockford Ills
Jan 16th/89

My dear Mr Watson.

In my description of Salix alba – var vitellina strike out the words,

Var Pomeachiana And, not S. Pomeachiana, Bonati: is a form of this with the old leaves ferruginous pubescent beneath.

As the Rhode Island plant so named by Anderson is staminate it can not be a form of vitellina of which we have only the ♀ – It is most likely one of the alba × lucida hybrids – but need not be specially mentioned in a work of the character of the Manual –

Yours very truly
W. L. Bebb

[illegible] Pomeachiana
Mr. Watson

926 Grand Ave
Rockford Ills
Jan 21st/15

My dear Mr Watson -

The main reason why I made an extra effort to come in a little ahead of time was in order to secure the opportunity for "Talk back" in case I did not altogether agree with any criticisms you might make - I know of course - I know it now a good deal better than I did then goes up for that matter - that the experienced writer will readily detect upon one read and telling expression of an idea which the inexperienced mind fumble over - on the other hand our home folkes have never been fully enough disciplined to avoid confusion - and above all - I had no idea till I actually came to take the work to pieces how inadequate and misleading was "Mr Careys" <u>corrections</u> -

Isn't there some mistake in my numbering of the species. You remark that I have the same number as before but I only excluded one (D. viminalis) and added four. I put in the numbers as I was copying from my rough draft and must have made a mistake somewhere — I spread over a good deal of surface and my MS written in bed has probably led you at first glance to think I had been altogether too windy — I counted word for word in a few instances to see if I was running too long altogether — And since I am even attention "looking towards brevity" and "clearness also" will be most thankfully accepted —

Yours very truly

M. S. Bebb

926 Grand Ave
Rockford Ills
Jan 22 '79

My dear Mr Watson.

I have now in my study not only the Willmott of the Harvard Herbarium - but also those of the Arnold Arboretum herbarium: the latter sent to me by Prof Sargent for the purpose of having selections made of types to illustrate the work he has in hand. In several instances I will be able to loan him from my own collection better specimens than I find in his - in a few (perhaps half-a-dozen) the Sargent has would suit better than either - If it is "all in the family" as I suppose it is. I will separate them & - put them in a cover by themselves - and Prof Sargent can get them when I return the collections which I now expect will be in

a few weeks – Some old Specimens that have become "historic" as it were I want to keep Tramps &c – If others I will take (full note – and then return the whole. I shall breathe easier when I get such valuable material out of this wooden house –

Yours Cordially,

W. L. Bobb

926 Grand Ave
Rockford Ills
Jan 30th
09

My dear Mr Watson.

After the description of Salix candata - strike out entirely the remark concerning the "Diamond Willow" excepting merely the habitat. Var vestita And is a good variety - and its home appears to be on the Missouri - but I prefer to avoid all mention of the "Diamond Willow" 1/ Because I find that other forms of candata produce diamonds - 2/ because the var vestita does not by any means invariably produce them - 3/ because I suspect a big humbug at the bottom of this Diamond Willow business anyway - The layer of wood I have ever seen of it was a stem about 2½ inches in diameter - exhibiting on the circumference of twenty annual rings - not much encouragement to grow "fence posts as durable as red cedar"

at that rate. I am sure of the var vestita — and some of its habitat. That is all — and it were worse than useless to clutter up a Manual with anything more.

In the description of D. glaucophylla — phrase "leaves intensely glaucous beneath" strike out the word intensely!

I hope you may see your way clear before long to give my MS. a careful revision. I should like to have a little time to consider your suggestions — and congratulate myself that the work began is to meet the public eye is to have the benefit of friendly and experienced criticism.

I will not abuse the privilege concerning the herbarium granted in your note of the 20th inst. just at hand — I will send with my tracings the little fragments of capsules, stamens &c. which I have already in some cases taken for examination under the microscope —

I have noted differences
(of which a list is inclosed)
that will give me great
pleasure to fill up - by & by when
I get at such work -

After the retirement of Dr
Joseph D. Hooker (whose friendliness
and helpfulness were a perpetual
surprise to me when I considered
his manifold duties) I felt as
if I had lost my chances of
finding much assistance at
Kew - My only letter addressed to Mr
Kristleton - Dyer reached the Librarian
in the absence of the director - and
the reply came as near mounting
to nothing as it well could - Then
I heard from me of Mr Baker -
Of and on we had known each
other in a distant way, ever
since the days when he was
Curator of the Hook Bot. Exp club -
and I was making specimens
for exchange by the thousands,
Now I have occasion - often -
to congratulate myself on

very good fortune - He is just the man for me. - Knows millions better than any one else who has ever examined the herbarium for me - is quick to see a point - seems to appreciate, instinctively, just the information desired - and so on -

I am not feeling very well for a few days past - a bad cold filled on top of chronic bronchitis has taken the spunk all out of me -

Cordially

M. L. Fuller

1881, 5, 21

926 Grand Ave
Rockford Ills
Feb 4th/89

My dear Mr Watson.

I received yesterday the inclosed note from Prof Sargent. I thought I detected in its curtness a touch of impatience - so I pitched in and have now the selections all made and boxed ready for shipment - I have taken the liberty to send Prof Sargent duplicates - as he was so very impatient - the things which I had intended to return in a separate bundle to you to be delivered - selections I mean from the Harvard University Herb.

Now I feel as if I could take a holiday - nothing pressing, and next week I am going to

do a bit of studying on the
Gray Billins just for my own
satisfaction.

Yours cordially

W. L. Bebb

ARNOLD ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Dictated. Brookline, Mass., January 28th, 1889.

My dear Mr.Bebb:-

Faxon is almost in despair for something to do as all our material is worked up. Cannot we have your selection from the Willows pretty soon?

Yours faithfully,

C. S. Sargent.

M.S.Bebb, Esq.,

Rockford,

Illinois.

926 Grant Ave
Rockford Ills
March 12th 89

My dear Dr Watson

I am through with the Willows and will return the box next week. I wish however to retain a single cover of arctic forms pending an investigation which I can scarcely expect to finish inside of any reasonable limit within which I would wish to retain the whole box-full. There are in the main of a single species from St Paul Island and a few allied forms from the Arctic Coast. I will be sending a number of things by which I wish to contribute to the herbarium and then can be safely returned at that time.

You will find the collection apparently not much changed from having been in my hands but after all quite a number of specimens improperly placed have been shifted to where they

some profitably helping -

Thanks for a copy of your "Contributions" XVI. - I enjoyed cutting the pages and looking over "from end to end" the enumeration of Palmers Collection - reading subtleties with a most intelligent and appreciative interest your remarks on the nomenclature and synonymy of the species of Sisyrinchium -

By the way (seeing the plant enumerated just now in mind) I think (and just now in the way of purchasing) I've 5 good specimens of Cobaea - I have only some few little snips not worth mounting - After the genus was published and endorsed by Dr Gray I wrote to Greene - inclosing a small sum of money (I.00 I believe) and asked him to get a real tip-top herbarium showing of my name sake for me. But he was very busy just then and I guess the whole matter slipped his mind entirely - and under the circumstances I can not jog him without seeming impertinence

I wonder how the Book on the Manual is progressing. I have been waiting to hear from you and to receive those suggestions which were to be made only after a careful examination of what I had written. One or two minor corrections have occurred to me but I thought I would not bother you with them simply but mark and send all together at last.

I have been upset by a bad cold for ten days - unable to either read or write. but am getting better

Yours sincerely
Fred Bates

Nov 1 '89.

926 Grand Ave
Rockford Ills
March 19th/89

My dear Dr Watson:— I have just delivered the box containing the Nat. Salicum of Harvard University into the hands of the Adams Exp Co. Please drop me a line as soon as it is received. I shall be anxious to hear of its safe arrival. The agent there could not tell what the charge for local delivery would be. As the box is paid through to Boston and I inclose 25 cts in stamps — at a guess.

I retained the covers containing the following

Salix Pallasii
" arctica
" glauca
" Am Bor arc. (miscellaneous, mostly from the Island of St Paul)

These I can return at any time if they should be called for. I

have in progress some studies in which they might prove helpful. As I wrote you before some specimens were sent to Prof Dugès to serve as types in his illustrations of the tree millens.

Yours very truly

M. L. Bebb

926 Franklin Ave

Rockford Ills

March 23 /89

My dear Dr Watson:-

I know how very busy you are just now- every moment mortgaged to work that must be done on time- but if in the midst of all the drive you can tolerate having your mind side-tracked for a few minutes- I wish you would look over the inclosed and tell me candidly what you think of it- not of course for any other than my own personal guidance in the matter- that is I should not use your words in any way without your permission But I want you to criticise this preliminary sketch up and down- in general and particular- in matter and manner- If it can not stand the racket the sooner I am made aware of that for it the better- I

I do not wish to say a word to prejudice your judgment yet I once, be permitted to say this much that the view presented is not the result of a short, I have had the matter under consideration for more than a year - I believe in the statement of fact I can thoroughly sustain my position - The study of all the N. A. villous has forced this question upon me - I could not dodge it - and for the reasons I have given I do not - can not - accept Andersons treatment of the species in question -

We are having a most delightful Spring -

Yours cordially

M. L. Bebb

924 Grand Ave
Rockford Ills
April 4th/05

My dear Mr Watson

I can not tell you how glad I am to have your approval of my "conclusions respecting the Salix arcticas". The most that I hope for is endorsement by American Botanists; John Bull will continue to write "Arctic or Rocky Mountain Pass" for the next fifty years as he has for fifty years ago. Without the approval of such friends as yourself and Prof Coulter I should have hesitated to publish - with this approval I feel all confidence, for really I can see no other honest way out of the difficulty. Coulter hits the nail on the head when he writes me - I see the personal element that makes you hesitate. It looks, on the face of it, like doing what

Anderson died, viz., knocking one species and capturing another for yourself. I don't think you would hesitate at all if you were simply restoring the two species to their respective authors."

I showed your two moths flattened & I took you at your word and estimated the acceptability of a photograph sent by the pleasure and satisfaction with which yours is received. We have both grown older in the seventeen years that have intervened since I saw you last. But while I am a stout phlegmatic person beginning to tip the scales at only 137 lbs you have evidently grown broad shouldered and strong withal. Your flowing white beard took me by surprise. But the expression is one genial — as if age had brought serenity.

Yours very truly

W. S. Bobb

926 Grand Ave
Rockford Ills
June 12 /79

My dear Dr Watson -

Just back from Lauderdale Lakes where I have been for three weeks building (with my own hands) a little kitchen addition to our summer cottage - My daughter forwarded your note unopened Acmidae. But I postponed replying till I could get back to my herb. and see what I had. Of Western forms I have really only A. Pomariscina - which I imagine must be very fully represented in the Harvard Herb. My specimens of this species are good - but would I believe not add to your working material. I am sorry to plead ad so on the first call of the kind you have ever made upon me - but so it is. You are, I need not say, altogether welcome to the specimens

I N. Tomaniscum. And I imagine it is out there that you want. and so hesitate to "send coals to Newcastle"

Yours cordially

W. L. Webb

Lansdale Lodge, near
Elkhorn, Wis (P.O.)
July 21st/79

My dear Doctor Watson

I feel both gratified and reassured by your approval of my million work.

You are right about the citation of authorities the mode should be "in accord with the rest of the book" and shall so be made

I am not sure however that I will like the proposed arrangement of the introduced species.

I believe I have in mind the full synonymy of all the varieties mentioned - both native and foreign - and in the proof will make the change which I freely admit is desirable - I followed Hooker (Flora of the British Islands) faulty - and faulty habit - but especially as there has been more or less of a cat-and-dog kicked up about this matter I shrank with the to do nothing that would appear on the face of it like a forced repudiation of Dr Gray's "well known principles of nomenclature"

Yours cordially
D. L. Lobb

but will discuss this matter in full when I have the "proof" before me and can see just how far the grouping of these together may, or may not do violence to others and possibly more plausible considerations. Here, I have not even my old rough draft to refer to - nothing of the sort. We return to Rockford Sept 1st Present address as above.

Replies to the various mentions Prof Dudleys remarks. Is the hybrid between D. viscosa and D. cuneata? It suggests itself only a spontaneous plant, found within our limits and its very peculiar character and full publication by Prof D. would seem to warrant at least a mere mention while. on the other hand consideration of brevity in a handbook led me to fear it by as something not likely to occur elsewhere - not to be repeated in the same locality.

I suppose that Andersson should be cited as authority for D. oxyphillaides var pedicellaris. Andersson and others had before referred D. pedicellaris to D. oxyphillaides but always as far as I know as a synonym - pure and simple - that is without giving any varietal character to the American plant -

* Rec'd from Cary - C. G. S.

Lauderdale Lakes, near
Elkhorn, Wis.
July 31 /19

My dear Dr Watson

It just occurs to me to ask you if you would not please return my Milton MSS at the time you send me the proofs - Were I at home, in Rockford, I could refer to the original rough draft but here I should have nothing but memory to depend upon in comparing the changes in arrangement which you propose with my first order of sequence

Yours cordially

W. L. Bulk

Lauderdale Lake, near
Elkhorn Wis
Aug

My dear Doctor Watson

The proofs would have received more prompt attention but I have been suffering from a neuralgia for several days past (even since I rec'd letter was rec'd) which has utterly incapacitated me for any work of the kind. I am much more comfortable this morning. Aside from books, notes, herbarium &c I find it much more embarrassing to add a line or two that will fit in and be of like character with the rest than to cut out a line here and there.

A defect in my analysis of the specimen strikes me now for the first time and I hope it is not too late to make the desired correction. At the risk of being tedious I will adopt the style of my former letter and explain in extenso so that you may fully understand me. The diandrous species I intended to divide at "one fell swoop" by "Capsules tomentose" & "Capsules glabrous". This

may not be very scientific - but
with our species it is wonderfully
convenient - the character is constant -
and the separation by it preserves (rather
than interferes with) natural affinities.
Besides it is easily observed by the ordinary
student - Very well - Now I exept had in
mind to separate the "* Capsules tomentose"
into two divisions

1° long pedicels - short styles
2° short pedicels - long styles.

But partly I think on account of O. sericea
the pedicels of which can not be called
long - I seem to have made practically
three co equal sections viz

* Capsules tomentose - style short &c
* * Capsules tomentose style elongated
* * Capsules glabrous :-

the two latter (See page 484) being
each marked by two asterisks; which
is confusing -

I have partially (in my own imper-
fect way) indicated the change which
I would like made but will repeat
here hoping that you will make the
matter plain to the printer

Under * Capsules Pomiformes Jr 482
insert a line as follows

+— Pedicels 3-6 times the length of the gland; style medium or none.

and change the alternative on Jr 484 to

+— +— Pedicels twice the length of the gland; style elongated.

I would gladly avoid if possible the technical measure of the length of the pedicel by the use of some general term but do not see how I can do so.
Drawing broad, dark lines (in the case of anthocyans) which are not sustained by nature is something not just to my likings - and S. sericea stands in the way of saying pedicels long. On the other hand as given this is a strict adherence to the facts in the case. and, at the same time the general idea conveyed that the pedicels are longer in one section than in the other. In actual use there will be no confusion since S. sericea with its rather short pedicel has markedly a sessile stigma. So too, ~~with~~ after reflection I

substitute Style medium for "Style short". Because in S. humilis and in some forms of S. discolor, primordia the style can scarcely be called short.

This gives the desired line on p 482 but simply changes a line on p 484. Stay once - leaving stricken out "pedicel thrice as long as the flower" from both S. candida and S. phyllicifolia (as readers when the character is given in the analysis) it leaves I suppose two or three lines to be added to either p 484 or 485.

I might say of S. adenophylla
This species is most nearly allied to the Glaucae but connects that group with the Cordatae.

This would make nearly two lines. If more is desired, how would it do to remark of Dudleys S. vacciniæ x cordata

A hybrid with S. vaccinia (surprising on account of the scarcity of the introduced parent) is found at Ithaca, N. Y. (Dudley).

Or if you do not relish this sort of irrelevant remark in connection with other matter condemned to the last

degree. you can, in desperation, restore S. cordata v vestita - though I prefer on the whole to omit it.

I really am in no condition to think and must throw myself almost wholly upon your indulgence to exercise a critical judgment in my behalf -

The change in the subdivision of the dicaulous species under the section Capsulae tomentosae - I think is a good one - and trust it may receive commendation from the gods. On the proof will you please carry out more definitely the necessary changes of

+ — ++ = &c —

Yours cordially

M. L. Bebb

A citation of Darlington Fl. Cestrica, ed. 3. after S. cordata v pauciflora under Dart Fl. Cest ed 3

S. pauciflora, Muhl. might be only just as here for the first time the character of Muhlenbergs plant was rightly apprehended. This would perhaps be a better use of the line at my disposal - than expanding the

1445/111

reference to Dimocarpidæ — As this description stands the addition of a few words will add a line — I have always admired the old Doctors gradual, & reasoning; in this instance he did his description to make it coincide with Carey. The plant he had in view when he drew it, evidently to the genius & organization by a direct comparison with the type specimen — When I say right apprehended Muhlenbergia plant, I do not mean that Dr Darlington recognized its true botanical character — but he certainly, from a recognized the Jack Head of grass panicles, often seen in varieties of cordata and the plant he referred to Sanguinea was identical with Muhlenbergia —

Lauderdale Lake, near
Elkhorn, Wis
Aug /89

My dear Dr Watson

I have found a retired, quiet spot, under the shaddow of a big tree on the Lake-shore and have gone over the proofs carefully — First of all I desire to express my thanks for the improvement wrought through your critical correction — The verbal corrections are almost without exception such as commend themselves at a glance — Personally, I do not like the use of sterile for male — for it is not concise and it is not good English — but it may be better in a book that will be largely used by High School classes of both sexes.

Before passing on to some minor details wherein I have revised your revision and wish to explain why, let me say frankly that I can not accept your proposed sequence of the introduced species — If my work presents any improvement over that of the

earlier eds of the Manual it is mainly in the grouping of the species. I gave the matter, really, more thought, than I can with experience ~~to guide me~~ and trained the more rapid execution would be likely to credit me with. The natural order of sequence in Salix is from the Amygdalinae - trees with 5-androus flowers &c - to the dwarf alpine 2-andrae - I congratulate myself that our four species lent themselves so kindly to a sequence more apparently natural in a larger series - The place for fragilis in our flora is just after lucida as in Eu it follows pentandra - The relationship is good botany and sanctioned by nature through the multitude of spontaneous hybrids - alba naturally follows fragilis and forms the nearest known transition to S. longifolia - When I ~~first~~ sent Buser his first really good and full representation of longifolia he remarked on its resemblance to alba and begged me to examine flowers carefully to see if the flowers were not sometimes 2-androus - In a word my judicium - the series nigra, amygdalades

lucida fragilis alba. longifolia - is good every way and ought not to be transposed -

S. pumicea has no close affinity with any of our species - it is a mere matter of convenience where we place it - but I have two decided objections to putting it at the head of the 2d section - 1st and principally because it shuts off rostrata which by its tree like habit - pale ocales - slender pedicels - ament &c &c makes the nearest approach of any species of § 2 (~~with which I am acquainted~~) to the character of § 1 - It is (any interposition ~~which~~ but were better to avoid if possible)

2d Not one student in 500 who uses the book - (not one in 1000 and well) will ever have occasion to identify S. pumicea yet when it stands they must stumble over it day after day to reach the native species - It is posthumous not a characteristic species really of the section and is only placed in it to avoid over multiplication of headings - so I much prefer to place it at the tail where it breaks in upon no

natural relationship between what goes before and what follows — I am glad that in your former letter you expressed a willingness to restore the first arrangement in case I desired it. For I do really believe it is much the best.

I want to ask you to restore a few words under S. lucida which I imagine struck you as unimportant but which I feel both to omit — 1st I think the close relationship (so close as to make question of the propriety of separation) with S. pentandra if true ought somehow to be mentioned — I cut down a good deal when I framed that sentence — Prof Dudley first described a variety of S. lucida with retarded fruit — He wanted me to name it. but I was not altogether satisfied — and left the matter wholly at his discretion — He finally mentioned this var in his Cayuga flora leaving the name ——. but counting the form as a separate number — and noticing what he deemed a peculiarity — my own excessively close serration of the leaves — A year or two later Bailey found the same thing in N. Minn — I named the plant for him

or rather told him what it was and referred him to Dudleys work. He published the variety as an addition to the Flora of Minnesota - absolutely ignoring Dudley, although Dudleys character gave him his name, "serrissima" - It was a little bit of just the kind of thing I detest amongst botanists - and I fancy I made Bailey mad by saying I disliked almost as much in a letter to him. - But when it came to studying D. lucida for the Manual what distinction was to be made of "var serrissima, Bailey!" To my surprise I found first that more than half the lucida in my herb. was of the retarded ord. 2° that there was no difference in the fineness of the serratures - 3° by reference to the splendid description of Pentandra in Andersons monographia - that precisely the same thing was found in D. Pentandra (no specimen in my herb abundantly made evedence) - Here was a happy solution of the whole difficulty - Bailey will imagine that I have given the go by to his var serrissima - because he knocked from Carey Bebbii in the head - or because I thought Dudleys name

observation did not receive credit due but if the peculiarity is not varietal and is shared by the ~~[illegible]~~ older D. pentandra & I see why there is an end of the whole business!

Under D. sericea reduce the words very silky to "Roman" - All the characters given sericea and petiolaris are contrasting ones - and the silky leaves of sericea are not more important as a distinguishing mark than the others - the density and looseness of the ament and the relative length of the pedicels are the best distinguishing characters - if one seek to give prominence to any - Perhaps as the species are closely related and of questionable specific difference at best - it may be just as well to let both descriptions stand in solid roman

D. glyphaefolia - "pedicels 2-3 times the length of the nectary" I observed last spring (after the DM had left my hands) was a little too much - twice - (as I think Carey has it) more better!

Under D. ordata. If the locality for var rostrata can not be worked in

somehow the variety were better stricken out in Vol 2 - If left as at present in distribution with the species. The student card of the Mississippi will be perpetually damaging that he has found something that will fit the description - I know just how that works!

Under P. balsamifera - "stipules rarely present" is not strong enough! They are almost never present except on extra-vegetative growths - and are then but a little foliaceous abortion - When we consider the marked degree in which large - rempom - emfocus stipules prevail throughout the ordeal - usually persistent - and always the most conspicuously feature as compared with Willows generally it is indeed strange that a species - so clearly of the same group should have no stipules at all - I thought the fact deserved the prominence which I gave it by saying "stipules remarkably absent for a species of the group" - but in the interest of brevity I have now written instead "stipules obsolete"

Under P. angustifolia you had drawn various pencil lines indicating

a transposition of the matter so as to include all under D. mystillus var fedicellatus - But we have the typical form (especially northward) and the variety as well - The matter should stand just as it appears in the proof - and I have taken the liberty (in this one instance only) to erase your marks - The variety with oblong linear leaves twice as large as the type is certainly Andersonii - Rush may have included all the american forms - I imagine he did - but of course can not look the matter up here -

But enough - and you are just as welcome under the impression that it is altogether more than enough -

Please have printed for me 100 extras - It would do for the New York Botanical to ignore my request as they did in the case of Carlton Flora. I know too much - I know how much they can do something of this sort when it is their interest so to do - One of their agents called upon me in my capacity as Director of the Rochester

City schools. He was talking, botany
to work into my good graces, and
exhibiting Endless Flora. I mentioned
in the most careless way imaginable
how I had failed the recent exam
- with not a thought of my words leading
to anything. But la! in less than
two weeks I was surprised by a
postal package which proved to be the
extra sheets - all nicely sketched &c &c.
It was intended for a bit of adroit
trickery - but I accepted it in my
honest due reflecting the while
on the relative importance of a
pow deric of a botanist - and a
school direction upon which vote some
money consideration might hang

Yours cordially

W. S. Gibbs

P. S. I do not feel altogether satisfied with the sections
preceding & cordata. The phrase "or rigorous shoots rounded,
truncate or cordate at base" ~~you will see that I have~~
~~spoken of the comma after rounded - perhaps~~ it would be
better to emphasize ~~the whole phrase~~ by separation ~~by~~
~~semi colons, when the comma could be left~~ - "serrate"
relates to all the leaves; "rounded truncate or cordate" only
to those on rigorous shoots - Would it be better to transpose
serrate - placing it before "on rigorous shoots &c" instead of after
as it now stands &c - On reflection this seems to me the better

926 Grand Ave
Rockford Ills
Sept 4/19

My dear Dr Watson

Just a week ago today we got back from Lonesdale Lake. There has been so much to do getting settled at home once more - getting the children off to school &c. That letter writing has been neglected.

Thanks to your careful and critical revision of the "Millions," I could gain hope, an quite presentable - much after the fashion of the pupils sketch given character by the firm bold, artistic strokes of the masters pencil — Only one thing — that pesky S. Simplicus! It ought to have been given a place somewhere by itself - being easily comply eliminated on account of its unique character. I was in no condition "even to write an order to a cobbler" when

I made that final revision
as I must have seen that I
was getting it out of place -
- "capsules sessile" under "Pedicels
3-6 times the length of the flower"
- is a blunder - but I beg to suggest
myself that it will not make much
confusion - and the final separation
of the ~~two~~ rotting species by
pedicels long - stigmas short
pedicels short. Stigmas long
is simple better to compensate -
It must so easily have been
given a place just after D.
viminalis - thus

+ Pedicels 3-6 times the length of the flower
D. ~~Orbiculata~~ Latifolia
D. discolor
&c
+ + Pedicels twice the length of the flower
D. candida
D. physantha
+ + + + Capsules sessile &c -
D. purpurea -

I'm sorry but on the whole, as
I said in the beginning, satisfied
that under the circumstances I see
no little that I could with chance

The whole work has been done at a disadvantage - The early part of last winter I was hurried by lots of things that kept me entirely after "Jan 1st" - and then the sevine when I was away from home and half-sick!

Mr Deane writes me that Jan are going on whole time to the Manual - Looking somewhat after six pages has given me a wholesome respect for the ability which lasts after six hundred!

By-the-way six pages as a jumping in the 2nd is not out of the way when we consider the space occupied by the three species added to the number described by Carey.

I wish I had kept upon some more original name for D. glaucophylla It was original I really believed it to be original at the time it was given but I have since learned that it has been used two or three times already by [illegible] but for species not now recognized - not likely to be.

Cordially M L Bebb

926 Grand Ave
Rockford Ills
Oct 17 09

My dear Doctor Watson

I am gratified to learn that the position of S. purpurea can be changed in the plate

With the lapse of time and the scrutiny of friends to whom I have sent the advance sheets only one other correction has been suggested. The range of S. myrtilloides should have been given St. Eng. and N. J. (Porter) the Iowa &c— I am sorry I overlooked Porters locality. I am not sure that there is room for the correction and the omission is not very important anyway. In the description of this same species "Reddish green" and "greenish yellow" should have been connected by hyphens and I am almost sure you made the correction on the proof. But this too is a small matter. I am so glad to get safely out of my blundering

amend S. purpurea Has I have
write serene compose lesser
defects –

Yours as ever
W. S. Rubb

926 Grant Ave
Rockford Ills
Feb 4th/96

Dear Dr Watson:—

I have seen but one opinion about "the looks" of the new book: the perfect letter-press, the neatly arranged pages and the very careful proof-reading are apparent at a glance and above criticism. But I could not be content with just looking at a new edition of the Manual. And yet under the circumstances had it been almost any other book imaginable I fear I should not only have been perfectly content with a look — but even the sight of the wrapper would have sufficed. The grip has got me down.

and if ever any poor drunkard getting over the effects of a hard spree has more of dizziness and nausea debility and frontal headache I should think a single experience would be enough to lead to reformation for life. But it is it once a year, nor once in ten years, that we have the pleasure of cutting the pages of a new ed. of Grays Manual! So Mattie hauled a big stuffed chair up to the the window for me. I got up from the lounge and settled myself in it. and then stopped for a little while to get my breath and think. Now then - old fellow - said I to myself - prepare to be overwhelmed with confusion! Of late years you have been digging in a little paddock, not stopping often to look over the fence to see what the world's workers have been about in the broad fields beyond,

and in so doing fix in my mind the later nomenclature & Bailey's Cane evinces a firm touch and evenness of treatment throughout which is a great improvement on the "Cuspidatus" of a few years ago.

If I have any fault at all to find with the excellent work of both yourself and Prof Carter it is that you carry brevity of statement to an objectionable extreme. For instance a group of species are known to intergrade in the most confusing way. yet these species will be defined at their centres when they are most unlike as tersely as possible and no words wasted to say that this is a treatment by bold strokes and does not faithfully depict nature. As a consequence the young student finds a plant that a press about as well (or ill) with one description as

You have read meanwhile a pretty steady stream of memoirs - Japan & magazine articles in which pretty much every thing has been turned tother end to and upside down and left in a toss until in the weakness and laziness of old age you have given up trying to "keep abreast with modern thought". The chances are you will not be able to tell a Greys Manual with all the modern improvements from a Flora of Instructor! Here I began cutting the pages - Why - really! this looks very much like the old book after all! The changes are far from being so formidable as I had anticipated they readily fit into the old knowledge. and I begin to think that by & by when I feel strong I must post my herbarium to date

Feb 4, 90

with two or three others and is naturally bewildered.

Is not Lespedeza leptostachya of Engelmann — not Fraxinus.

Of course Britton will take you to task for not accepting Hickoria and I shall expect friend Green to fairly jump out of sunken in the depths of a depraved and hopeless Conservatism!

Will this ed of '90 come to an agony and expectant group of middle aged botanists such as welcomed the appearance of the book of '67. I doubt it! Will it help to arouse a fresh interest in breezy and df. Gray botany. I hope it may! It is very suggestive of the present trend of school education to find in our high schools a

7.6.90

Botanical Laboratory and next door to Gymnasium - Everything within four walls!

Yours very truly

W. L. Bebb

Lansdale Lake near
Elkhorn Wis
Sept

My dear Doctor Watson

Wife and I are here for a few days to do some work that could not conveniently be accomplished while the whole family were occupying the cottage -

Just as I was leaving home I received the advance proofs from Grays Manual - The appropriate headings and the altogether neat get up of this little excerpt quite startles me by surprise - and then what a generous supply - enough, I fancy, to last over in the religious Bebbrainac unto the third or fourth generation!

I thank you most heartily -

As ever

M A Bebb

P.S. I send you a copy just to show

how easy it would have been to have dictated of L. purpurea. if I had only had my wits about me at the right time —

926 Grant Ave
Rockford Ills
Jan 30th/91

My dear Dr Watson:—

I have just together a small parcel of Willows for the Harvard Herb. but before sending I wish to ask of you if I may include under the same wrapper a thin parcel for Kew. Will you be sending anything to Kew before long? The Smithsonian channel is quite cut off from ordinary mortals of late years. If you should be sending and presuming that if so you will kindly put in my little package. I would like to enquire of you if there would be any impropriety in my

requesting that some of the
specimens be submitted to Mr Baker
for comparison with types in the
Kew Herb. — I have always corres-
ponded directly with Mr Baker
indeed, the beginning of our correspondence dates
way back to the days when he
was Curator of the Hirst Bot. Ex. Club,
since the retirement of Sir J. D Hooker
I have had no correspondence with
the Director. Please give me Mr
Thistleton-Dyers full address.

I do not forget that I have
still in my possession some
Glaucoid and Arctic Willows of the
Gray Herb. These I will send later
in a box by express. I am not
yet quite ready to part with
them. Fact is I am vexed to
think that this group of American
Glaucae so baffles me. I have
tried lumping and I have tried
segregating with equally unsatisfactory

results, I have written the whole matter out and after a month come back in a different mood convinced that my work was "good for nix". The Longifolia and forms of P. cordata are not far behind. I had hoped that if I only got material enough together by & by certain lines of cleavage, so to speak, would become evident but the more I get the worse the muddle. I work with envy upon some of Regel's work and I say to myself, now this shall be a model for me, and I will go and do something in the same style with interpreting proles of Pollens but somehow I never can make it work.

Accept my thanks - more

the less cordial for being so long delayed - for a copy of your last "Contributions"

I know that you must be burdened with a large correspondence and have rather shunned from adding the proverbial straw

Yours as ever

W. L. Webb

926 Grant Ave
Rockford Ills
March 6 91

My dear D Watson:—

At length I have made ready and will send by express to-morrow a thin package of Willows for Kew under an outside wrapper addressed to yourself. A similar package lies on my table intended for the Gray herbarium but thus I have decided at the last moment to keep in hand and send when I return the herbarium sheets. I would like, if possible, to hear from Kew first. I am becoming more and more cautious in naming Willows for the Gray herb. where they are likely to remain long

after I have quit fussing over such things as opponents of my judgment. I am sure expecting to visit Cambridge within a year or two when I shall hope to be able to go over the entire collection and correct any of the mistakes of past years that may turn up.

I began sending Dr Gray specimens of Milium more than thirty years ago - with no thought - in the beginning, that my determinations were of the least consequence - (and often they were!). I simply wished to get Dr Gray's endorsement of these old labels - often recording very crude determinations are mixed up with later and more conscientious work - and by a old and hyper-critical students - might not be generously separated as the work of a beginner

The named specimens that go out from me, hereafter to the Gray Herb. shall be something I will feel willing should take their chances under the most exacting criticism.

I thank you for your kindness in taking charge of the parcel for Kew.

Yours cordially
M. L. Rob

Delhi

926 Grant Ave
Rockford Ills
Nov 10th 09

My dear Dr Watson –

I have not seen Parthenium integrifolium growing since we left Fountaindale, ten years ago. My recollection of the plants from which I used to take specimens is that they showed not the least indication of a "creeping rootstock". Unfortunately I did not have, in those days, the Deaconess regard for roots and I never dug up a single specimen. If I knew of any locality in this vicinity where the plant could be found I would gladly go a long distance to serve you in this matter but it is a fact that the native vegetation

around Rockford has been more completely swept away than it has been on the outskirts of Chicago — Here as the little city spreads its boundaries town lots are cut out of old farms — near Chicago they are cut out of the prairie — Only a few weeks ago I noticed a lot on Havana Ave in Englewood worth $200 a foot front. and the vegetation was absolutely uncontaminated by any weed of cultivation — Such "preserves" are not to be found anywhere in or about Rockford.

For a year past about the height of my ambition has been to preserve a serene disposition and to keep out from under the feet of energetic people who still have the vis vitae to do the worlds work. But I am hoping to get back to the Illinois again after the Holidays

Cordially Yrs L Bok

926 Grant Ave
Rockford Ills
March 12th/92

Mr Merritt L. Fernald
Asst in Gray Herb.

My dear Sir:—

I received your letter several hours in advance of the parcel. Knowing therefore that the specimens were to be returned I was dismayed to have the postman hand me the parcel in this shape . Fortunately, the specimens were not broken. For greater safety I have made the returns pkg smaller and correspondingly stouter.

I omitted to name Nos 1 & 2 S. lucida, Muhl. — a broad leaved form of the species — Both in leaf and fruit

No 3 does indeed suggest Sanctphylla but the scales falling before the capsules mature - sessile stigmas - and awns terminating lateral leafy branchlets are sufficient marks of distinction

You are right in referring No 3 to S. candelda - notwithstanding the exceptional denudation - Probably the plant grew in tall grass and the specimen was taken late in the season.

It is an ill service to name a few Sedums and I am always glad to help to the extent of my ability - particularly so in the present instance because I. wish myself to ask a favour from Cambridge and was at a loss to whom to appeal. May I beg of you to copy for me the descriptions of the two following species Salix Uralaschkensis, Chamisso. Linnaea 6. p 541, and on the same page S. angiorum Chamisso.

How sad the passing away of our dear friend D Watson - I can not force myself to realize that in all probability by the time you read these words the end may have come! Who is there to take his place! Mr Deane very kindly sends frequent bulletins -

Yours ever affly
W. H. Beck

My dear Mr Fraser

Thanks for the
transcriptions. That from
S. Unalaschtschino was very
helpful beyond my
anticipations

Yours obliged
W. H. Rivers

POSTAL CARD ONE CENT.

United States of America

THIS SIDE IS FOR ADDRESS ONLY.

Mr Minot L. Fernald
Botanic Garden
Cambridge
Mass

926 Grand Ave
Rockford Ills
Oct 14th 92

Mr M. L. Fernald
Cambridge, Mass

My dear Sir: -

Returning home
after an absence of three weeks
I find on my table a copy
of your Portland Catalogue
of Maine Plants. Many
thanks for the favor. I
enjoy such things. Like to
have them handy for reference.
In the present instance I find
a more than usual interest
for it so happened that a good
many years ago - when I first

ed me upon an enthusiastic
career of collecting and exchanging
plants almost my very first
correspondents were the Rev
Joseph Blake and the Rev
J. W. Chickering - Of the plants
of Maine. upon the beginning
of my acquaintanceship with
the flora of the Manual
district. were almost as familiar
as those of my own state - I
was made acquainted with every
new find and was as eager
to possess a specimen from the
fresh locality as if the whole
matter were an affair of my
own door yard - And so at
this late day I find a
peculiar interest in turning

June pages - recognizing the old things, as well as those which have since been added,

By the way can you tell me anything of the friends others about of Mr J. H. Allen. I have a vague impression that he went to California to care for his father who afterwards died there (if my memory serves me aright) Later I recall an advertisement in the Bulletin of an herbarium for sale. But whether of father or son I do not distinctly remember — Years ago I received from Mr J. H. Allen some very interesting collections of Labrador & Canadian Willows but of late I have lost all trace of him —

Yours very truly Thos Petch

926 Grant Ave

Rockford Ills

Oct 31st/92

My dear Mr Fennald

Had you a healthy chance shot of mine enquiring from you after Mr Allen — I have just written to him. But it gives me the least touch of the blues to think that he should be of the working force as the Grey Returning and I not know it. Verily I grow old and lazy and have lost touch with the fraternity — I fancy sometimes that I belong — if I have any claims to belong anywhere — with that generation

of botanists which the Laboratory chaps would fain have us call "fast disappearing"

I should be only too glad to receive a few of your Maine varities "later on" but I certainly have no claim upon your generosity - and I might not be able to render an equivalent return - My stores - though doubtless still containing a number of good species (that is Mississippi Valley) plants - are old and faded -

Almost the only thing I collected afresh this past season was Carex tribuloides var Bebbii

Yours cordially

M. L. Bebb

926 Grant Ave
Rockford Ills
Oct 31st/92

Mr J. A. Allen:—

My dear Sir:

It shows how
completely, for years back, I have
been out of touch with the
fraternity of Botanists that I had
lost all track of you until a
chance inquiry directed to Mr
Pursel revealed the fact that of
all places where I ought to have
been fully acquainted with the
working force you were engaged
at the Gray Herbarium—

I make haste to say what
I would have written long ago

had I known just when to reach you. After all the fine specimens of Labrador Willows which you placed in my hands accompanied by most painstaking and instructive notes I should not blame you at all for entertaining a feeling of disappointment or even of resentment. That I had made no use of facilities so generously placed at my disposal. That the account of Labrador Salices based upon your collections had never become an accomplished fact. The truth is that as regards those forms so common on the Labrador coast intergrading between S. glauca on the one

kind and *L. Brownii* (= arctica R.Br.)
on the other I am as far as ever
from being able to disentangle
the snail. Various attempts exist
in rough draft with each of which
I was pretty well satisfied at the
time of making - but when
being "kept to cool" I was only
too thankful later I did not
publish. Within a month
back I have received from the
Rev Jas Waghorne a kind of
miscellaneous collection that in its
way may prove helpful. There
are over a hundred numbers
represented by single specimens.
Collected apparently as each book was
encountered without any apparent
choice - or recognition of kinds.

. Three fourths of the specimens at hand belong to this intermediate group between Brownii and Lanca.

. It is one of the pleasant things I have before me this winter - to try again - with the assistance of this additional material to arrange these forms. and you may depend that when I do your admirable field work will be duly acknowledged -

It is not that I have shelved and forgotten the whole business - I have simply been baffled,

Yours very truly,

W. L. Bobb

926 Grand Ave
Rockford. Ills
Oct 31st 92

Dr Benjamin L. Robinson
Curator of Gray Herbarium

My dear Sir! -

I feel it to be my duty to inform you that I have in my possession some Willows belonging to the Gray Herbarium - two covers containing the Glaucae and Arcticae and a few - 3 or 4 - miscellaneous sheets. At a time when other things were returned these were retained - with Dr Watsons permission - as I had in hand a revision of the American forms of the

groups named and was desirous
not alone of the use of the
material. But I wished if I
could on the sheets any
determinations of my own. that
these should represent the final
outcome of my studies. I am
sorry to say that my intentions
are as fine as ever from the
accomplished fact but it is
one of the pleasant things
which I look forward to when
the dead of winter shall give me
my accustomed period of leisure
for Willow work, to try again
With your permission I would
like to retain the specimens
a few months longer. They are
kept in a pigeon hole of
my desk. by themselves.

I must confess I have lost much of my old enthusiasm in Botany - There has been so much of late to provoke indignant resentment and protest - that being only an amateur - with no obligations laid upon me of any sort - I have simply - for the sake of peace of mind taken to gardening instead!

Yours very truly

M. L. Bobb

980 Grant Ave
Rockford. Ills
Nov 6 94

My dear Dr Robinson:

It will be
only a pleasure to
name the Arctic Hills
to the best of my
ability, and within the
time specified.

I have had in
mind for a long time
to write you a letter
and now I will find
my intentions precip-
itated

Yours cordially
Robert Reed

REPLY POSTAL CARD

United States of America

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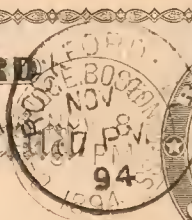

Dr B. L. Robinson
Nat. Harvard Univ.
Cambridge
Mass

980 Grand Ave
Rockford, Ills
Nov 16th 94

My dear Mr Fernald:—

I received your letter of Nov 10th two or three days ago but the package of Salices — by some unusual delay — not until yesterday. I have looked the specimens over casually — not a leaf disturbed in transitu — the result could scarcely have been otherwise after such careful packing. In one respect I was momentarily disappointed. by the paucity of species represented. only S. Brownii (= S. arctica of R. Br not of Pallas) and S. glauca. with intermediate forms and variations. quite perplexing when the material is often so inadequate. but on turning to

Lundström's report on the Algæ of the Swedish Greenland Expedition — geological and geographical — of 1883 — when collections were made at many more stations I find precisely the same results with just one other species added namely D. barbata — which I have always supposed was one of the commonest of Algæ on the west coast of Greenland — and rather strange to have appeared on the Swedes collection — I will name the specimens to the best of my ability — and return them next week.

You write "I send all the Arctic Algæ" and again "when you wish to keep a specimen take the label making note of the species and so on the sheet" — Now I would never think of taking a single from

a collection sent to me for determination and get with the perversity of human nature there are one or two species in the collection which I would be glad to add to my own herbarium - provided - that you have already secured a set of the specimens - If you have not - of course that settles the matter - The single specimen ought to be in the Harvard Herbarium.

I am ceasing to look upon my collection of North American Willows as a private affair - I hope it will be of use to students who come after me - and I naturally feel an ambition to make it as full and complete

as possible,

I wonder if you will be juggled to know - when you come to carrying them specimens into the herbarium - what has become of the goldens from Wilkes, D. glauca and D. arctica - Well I have them! I wrote to Dr Robinson about it after Dr Watsons death - I have fairly dreaded saying anything about them two species and their connections - and when I returned some other things which I had on hand I reserved them specimens hoping to get some help from them, They occupy a pigeon hole by themselves - and I intend to send them some one long -

Yours very Truly

M L Fernald

980 Grand Ave
Rockford Ills
Nov 21st /94

My dear Dr Robinson:—

It is to be regretted that Mr Bryants collection did not fall into the hands of some Danish or Swedish specialist for determination — some one better versed than I can claim to be in the intricacies of variation exhibited by a few species of Salix in Greenland — I have not access to Lange's Conspectus of the Flora of Greenland. and I have seen comparatively few specimens authentically named by Fries — Andersson — and others — However I console myself with the reflection that the confusion is one existing primarily in nature of which

the confused literature of the subject is but a faithful reflection. Every attempt to specialize these forms ends in confusion - for the chances are ten to one that a fresh collection will more or less upset all the nice conclusions based upon previously acquired material. As a sort of apology for my not attempting to refer any of the particular forms of this collection to those described by Andersson and others I may mention the fact that even Andersson himself did not record the name of a single one of his forms of D. arctica in the Kew Herbarium - so I am informed by Mr Baker -

Concerning the change of name

in the case of D. arctica R. Br/not
of Pallas/ I beg to inclose a
separate sheet from the Botanical
Gazette. Published several years
ago. Before taking this stand
I submitted my manuscript to
Dr Watson and am authority to say
that it received his cordial
approval. as a revision of names
within what be regarded as
Conservative and legitimate bounds.
Of course I do not expect any
Britisher to give up his "D arctica
R. Br" but if he has to deal
with the flora of our Alaskan
coast the D. arctica of Pallas
will bother him unless he does
as Anderson did - ignore the

priority of D. arctica Pallas.
We could have two Salix arctica
conveniently, and nothing is clearer
than the fact that Pallas died
ten years or more before the
specimens were brought back by
English explorers upon which
Robert Brown founded his D. arctica

I thank you for my own portrait
from a fine specimen which then
would not in the least impair the
integrity of the collection. I
have it hooked a single
thumb tack my fingers did with no
handling on or two of them!

I return the package by
the American Express.

I hear from you more frequently
than you imagine though am pained Dear
Mrs Peters are with the Gazette and Bulletin
lumped together in the matter of keeping a lonesome
botanist - out on the prairies of Illinois - posted as to
what is going on among the active workers

980 Grand Ave
Rockford Ills
Dec 16 94

My dear Dr Robinson:—

I can not tell you with how much pride and pleasure I read your last letter. I may confess that I have thought myself that I might someday be invited to do the Willows for the Synoptical Flora. But as time wore on; as the date of probable publication of vol 3 seemed further and further removed into the doubtful future and as my own health grew to be more and more precarious I had given up all hope that I would ever be called upon to perform the grateful task. The other affair was sprung upon me as a surprise and it was only through the intermediation of our friend Dr Coulter that I finally

consented.

I fully appreciate the conditions which render it imperative that in such a work as the new Flora where there are to be so many contributors there must be a certain amount of concession made in order to secure uniformity of treatment. But the Willows can never be mastered in such beautiful precision as Prof Underwoods Hepaticae. One species may require only a dozen lines where the next one must be adequately treated short of half a page. In fact the Synoptical arrangement suits their case admirably. If you can not get all your stray cattle corralled and properly branded you do get them inside of definite bounds where not much range need be gone over in "rounding them up"!

So I think this. Even while I am prosecuting the work for the

Systematic Botany of N. A. I will have in mind as a background the preparation of a monograph for the Synoptical Flora which I will consider "the final form of my researches" — to quote your words. I have the most emphatic assurance from Dr Coulter that so long as he remains on the board of editors no such high handed proceedings as I have received intimations of will be permitted.

Of course it will be pleasant every way - with all the delightful associations with Cambridge which have followed me through my humble career as a botanist to write freely with no thought that I will receive any editing beyond what I can be truly thankful for.

I ought to feel very kindly

toward the entire fraternity of botanists who have not only left me in peaceful and undisturbed possession of my little paddock. but have done more — helped me at every turn. There is no chance for a squabble over the genus Salix and the claims on the score of priority as to names of species all entirely inside of the estimate we all have of the matter. so when I go inside and close the gate — or to speak. I can look out over the fence and not be much disturbed by the extravagant performances of some people outside.

But it <u>is fun</u> to get a letter from Rand once in a while. He does so hate the Columbia act and goes for them with such refreshing vim.

With the best wishes of the season I am Sir.

very sincerely yours

M. L. Dudley

Lauderdale, Wis
July 18th 95-

My dear Mr Farwell -

Thank you for extra copies of the "List of Plants obtained on the Peary Auxiliary Expd of '94."

Very pleasant reading - such a list - for a hot mid summer day like this.

I was much pleased to be remembered by Mr Bryant in a copy of the full Report - which I received before we left Rockford - but reluctantly laid aside for reading at the Lakes.

Yours sincerely

Jno L Zebb

926 Grant Ave
Rockford Ills
March

My dear Mr Fayon:-

Your note on
S. Hartacea can not be improved
by any "polishing" of mine -
I have simply transcribed it
verbatim et literatim - Please read
the inclosed MS. critically - and if
you find in it anything
of consequence that needs correction
- return it to me - if not, send it
to Dr Bolton - This ends the
series of notes on the White Mtns
Willows - For the writing of which
I find my only excuse in
a desire to give wider circulation
to your interesting field-notes

Mr Deane told me last fall that he had been very much interested in a collection of Asters made by Jennings. This is a genus which I have always delighted to potter over in a quiet, dilettante way - and if I collect anything this summer it is likely to be Asters - What a time we older botanists are going to have in learning to transpose familiar names, - Learning new ones is nothing to it!

"Agreed to translate 88 pages of German M.S." I should say that was "a job" sevre enough -

Yours as ever

W. H. Gibb

Ansd Oct 7.

Fountaindale Oct 2d

Prof A Gray

Dear Sir

I have just returned from a ten days tour through southern Illinois where I have been selecting a location for a permanent home - After the 15th inst I will be at Salem Marion Co Ill - If you have not already forwarded the herbarium paper - please mark the box with the directions given on the enclosed scrap -

I am making up several packages of plants to send you - A portion of my duplicates remain however to be looked over and I have some things still to collect - so that I will not have them completed before next month - One package is for Anderson - Willows fruit and a few western plants added - another similar one is for

yourself. A third is for Muller (Australia) Phaenogams - Western - and a fourth package is for Eaton - My collections next summer will be made in southern Illinois

For at least fifteen minutes I have sat pen in hand, beating the covert of my imagination for some metaphor of gratitude wherewith to express my thanks to you for all your kindness - I give up the attempt - accept an old fashioned "thank you" it is all I can accomplish

Please remember me to Mrs Gray

Yours truly

M. S. Bebb

M. S. Bebb
Odin
Marion Co. Ill.
Via N. Y. C. R. R
and M. C. R. R

Care of N. C. R. R.
Chicago